

TRICHOPTEROLOGICAL LITERATURE

Please help to complete this literature list by sending me reprints or references, including dissertations and similar papers. If you send reprints, please make sure that the complete reference is included, that is the title of the journal, the volume, the year of publication, and the original page numbers.

Authors, editors and referees are requested to indicate clearly in the titles of publications which animals and plants are dealt with, with the scientific names and the higher groups. Do not use common names only, or terms such as "macroinvertebrates". Thus, please write *Hydropsyche pellucidula* (Trichoptera, Hydropsychidae) rather than The yellow-spotted river worm, or the like. References to papers without clear indication of the species or higher groups in the title which I have not checked will not be included.

1979

Krassilov,V.A., Sukatsheva,I.D. 1979
Cases of caddisflies made of the Karkenia (Ginkgoaceae) seeds from the Low Cretaceous beds of Mongolia. - In: Krassilov,V.A.(ed.): Far Eastern paleofloristics. Proc.Biol.Inst.Far Eastern Sci.Centr.N.S. 53:119-121. (see Braueria 24:20)

1980

Kobayashi,M. 1980
A revision of the family Philopotamidae from Japan (Trichoptera: Insecta). - Bull.Kanagawa Pref.Mus.(Nat.Hist.) 12:85-104.

Ponomarenko,A.G., Kalugina,N.S. 1980
The general characteristics of insects at the Manlay locality. - In: Early Cretaceous lake Manlay. Trans.joint Soviet-Mongolian paleont.exped. 13:68-81. (see Braueria 24:20)

Sukatsheva,I.D. 1980
Trichoptera cases from the Manlay locality. - In: Early Cretaceous lake Manlay. Trans.joint Soviet-Mongolian paleont.exped. 13:59-60. (see Braueria 24:20)

1985

Kobayashi,M. 1985
On the Trichoptera from the island of Tsushima, with seven new species (Insecta). - Bull.Kanagawa Pref.Mus.(Nat.Hist.) 16:7-22.

1986

Kornoukhova,I.I. 1986
New data on ecology and phenology of *Silo proximus* Mart. (Trichoptera: Goeridae) with the description of pupa. In: Fauna and ecology of animals of the Central Caucasus: 3-4. (see Braueria 24:20)

1987

Yuasa,Y. 1987
Rearing and display of net-spinning caddis fly larva, *Stenopsyche marmorata* in aquarium. - Insectarium 24:212-217. (Japanese)

1988

Bales,M.T. 1988
Adaptation to temperature in caddis larvae (Trichoptera). - Doctoral Diss., Univ.of Keele, 245pp.

Finogenova,N.P. 1988
Invertebrate macrobenthos animals in the macrophyte growths. - In: Alimov,A.F.(ed): Freshwater invertebrate communities in the macrophyte growths. Proc.Zool.Inst.Acad.Sci.USSR 186:8-14. (see Braueria 24:21)

Golubkov,S.M. 1988
The influence of the temperature on the oxygen consumption intensity of aquatic insects. In: Kutikova,L.A.(ed): Hydrobiological investigations of the sea and fresh waters: 107-112. (see Braueria 24:20)

Golubkov,S.M. 1988
Life cycles, growth and larval specific production of Ephemeroptera and Trichoptera. - In: Alimov,A.F.(ed): Freshwater invertebrate communities in the macrophyte growths. Proc.Zool.Inst.Acad.Sci.USSR 186:78-85. (see Braueria 24:20)

1989

Brettfeld,R. 1989
Ein Nachweis von *Oligoleptum maculatum* Fourcroy (Insecta: Trichoptera, Brachycentridae) in Südtüringen. - Veröff.Naturhist.Mus.Schloss Bertholdsberg Schleusingen 4:93.

Goncharova,T.A. 1989
A case of blackfly larvae phoresis (Diptera, Simuliidae) in Uzbekistan. - Uzbek.Biol.Zhurn. 1989 (2):64-65. (see Braueria 24:21)

Kornoukhova,I.I. 1989
To the study of the fauna of caddisflies (Trichoptera) of the Caucasus protected areas. In: Hydrobiological studies in the USSR reserves. Abstr.of the All-Union Conference, Borok:91-93. (see Braueria 24:21)

Potikha,E.V. 1989
To the fauna of river caddisflies of Sikhote-Alin biosphere reserve. - In: Hydrobiological studies in the USSR reserves. Abstr.of the All-Union Conference, Borok:112-113. (see Braueria 24:21)

Sukatsheva,I.D. 1989
Cenozoic caddisflies of Primorje Region (Far East Russia). - In:Krassilov,V.A., Klimova,R.S.(eds): Cenozoic of the Far East:151-160. Vladivostok. (see Braueria 24:21)

Zapol'skikh,O.V., Zapol'skikh,E.V. 1989
Haemolymph cells in Trichoptera. A morphological analysis. In: Functional morphology of haemolymph cells in insects: 36-50. Birs State Pedagog.Inst. (see Braueria 24:21)

1990

Basaguren,A., Orive,E. 1990
The relationship between water quality and caddisfly assemblage structure in fast-running rivers. The River Cadagua basin. - Environ.Monit.Assess. 15:35-48.

Bradt,P.T., Williams,J.A. 1990
Response of Hydropsychidae (Insecta: Trichoptera) larvae to diflubenzuron. - J.Pa.Acad.Sci. 64:19-22.

Day,K.E., Scott,I.M. 1990
Use of acetylcholinesterase activity to detect sublethal toxicity in stream invertebrates exposed to low concentrations of organophosphate insecticides. - Aquat.Toxicol.(Amst.) 18:101-113.

Filimonov,P.M., Faidysh,E.A. 1990
System analysis of instinctive behaviour in insects. - In: Gribakin,F.G., Wiese,K., Popov,A.V. (eds): Sensory systems and communication in arthropods. Birkhäuser, Basel. Pp.137-140.

- Gouillard,J. 1990
J'ai capturé à la lumière le 20 juin 1989 un exemplaire du myrmeleonidae *Myrmeleon formicarius* (L.) en compagnie de *Phryganea grandis* (L.) (Neuroptera et Trichoptera). - Ent.Gallica 2:36.
- Harris,A.C. 1990
Podagritus cora (Cameron) and *P.albipes* (F.Smith) (Hymenoptera: Sphecidae: Crabronidae) preying on Ephemeroptera and Trichoptera). - Pan-Pac.Ent. 66:55-61.
- Hart,D.D., Robinson,C.T. 1990
Resource limitation in a stream community: phosphorus enrichment effects on periphyton and grazers. - Ecology 71:1494-1502.
- Hildrew,A.G. 1990
Fish predation and the organization of invertebrate communities in streams. - Pol.Arch.Hydrobiol. 37:95-107.
- Jeffries,M. 1990
Evidence of induced plant defences in a pondweed. - Freshwat.Biol. 23:265-269.
- Lancaster,J., Hildrew,A.G., Townsend,C.R. 1990
Stream flow and predation effects on the spatial dynamics of benthic invertebrates. - Hydrobiologia 203:177-190.
- Nel,A., Blot,P. 1990
Paleoentomologie de la paleoturière eocene de Sezanne (Marne, France) (Insecta Odonata, Trichoptera, Hemiptera, Diptera). - Entomol.Gallica 2:26-31.
- de Nicola,D.M., McIntire,C.D., Lamberti,G.A., Gregory,S.V., Ashkenas,L.R. 1990
Temporal patterns of grazer - periphyton interactions in laboratory streams. - Freshw.Biol. 23:475-489.
- Nishimura,N. 1990
Life cycle of net-spinning caddisfly, *Stenopsyche marmorata* Navas. - Nat.Insects 25(8):19-26. (Japanese)
- Peckarski,B.L., Horn,S.C., Statzner,B. 1990
Stonefly predation along a hydraulic gradient, a field test of the harsh - benign hypothesis. - Freshw.Biol. 24:181-191.
- Petersson,E. 1990
Age - assortative mating patterns in two swarming caddisfly species (Trichoptera: Leptoceridae). - J.Insect Behav. 3:797-803.
- Potikha,E.V. 1990
Composition and seasonal dynamics of the benthos in the brook Sukhoi. - In: Myslenkov,A.I. (ed): Ecological studies in the Sikhote-Alin reserve:72-82. (see Braueria 24:21)
- Sonnenschein,M., Hauser,C.L. 1990
Presence of only eupyrene spermatozoa in adult males of the genus *Micropteryx* Hübner and its phylogenetic significance (Lepidoptera: Zeugloptera, Micropterigidae). - Int.J.Insect Morph.Embryol. 19:269-276.
- Tarter,D.C., Sykora,J.L. 1990
New records of caddisflies (Trichoptera) from West Virginia. - Proc.West Virg.Ac.Sci. 62:76-82.
- Thomas,A.G.B. 1990
Quelques espèces de trichoptères bioindicatrices des perturbations hydrauliques en rivière. - Ann.Soc.Sci.Nat.Arch.Toulon Var 42:55-58.
- Wayland,M., Boag,D.A. 1990
Toxicity of carbofuran to selected macroinvertebrates in prairie ponds. - Bull.Environ.Contam.Toxicol. 45:74-81.
- 1991
- Aoyagi,M., Ishii,M. 1991
Host acceptance behavior of the Japanese aquatic wasp, *Agriotypus gracilis* (Hymenoptera: Ichneumonidae) toward the caddisfly host, *Goera japonica* (Trichoptera: Limnephilidae). - J.Ethol. 9:113-119.
- Baekken,T., Aanes,K.J. 1991
Pesticides in Norwegian agriculture. Their effect on benthic fauna in lotic environments. Preliminary results. - Verh.SIL 24:2277-2281.
- Basaguren,A. 1991
Distribución de las especies pertenecientes a la familia Hydropsychidae (Trichoptera) en la cuenca del Lea (País Vasco). - Sci.Gerundensis 16:43-52.
- Basaguren,A., Orive,E. 1991
Los insectos tricópteros como indicadores de la calidad del agua de los ríos de Bizkaia, cuenca del Nerbion. - Kobia Ciencias Naturales 20:39-44.
- Basaguren,A., Orive,E. 1991
Los insectos tricópteros como indicadores de la calidad del agua de los ríos de Bizkaia. Subcuenca del Arratia y del Indusi. - Kobia Ciencias Naturales 20:45-50.
- Bisht,B.S. 1991
Stridulatory organ of larval hydropsyched (Trichoptera) of Garhwal Himalaya. - Himalayan J.Environ.Zool. 5:139-140.
- Camargo,J.A. 1991
Ecotoxicological study of the influence of an industrial effluent on a net-spinning caddisfly assemblage in a regulated river. - Water Air Soil Pollut. 60:263-277.
- Dodds,W.K. 1991
Community interactions between the filamentous alga *Cladophora glomerata* (L.) Kuetzing, its epiphytes, and epiphyte grazers. - Oecologia (Berl.) 85:572-580.
- Galicka,W., Grzybkowska,M., Koszalinski,H. 1991
Materials for the investigation of caloricity and nutrient contents of chosen groups of invertebrates of the Warta River. - Acta Univ.Lodziensis Folia Limnol. 5:37-44.
- Gillespie,R.B., Facemire,C.F., Guttman,S.I. 1991
Cryptic variation in electrophoresis - detected allozymes of caddisfly larvae (*Hydropsyche simulans*, *Hydropsyche bifida*) and spotfin shiners (*Notropis spilocephalus*): implications for allele and genotype determination. - Biochem.Syst.Ecol. 19:541-548.
- Hart,D.D., Kohler,S.L., Carlton,R.G. 1991
Harvesting of benthic algae by territorial grazers: the potential for prudent predation. - Oikos 60:329-335.
- Pascoe,D., Gower,D.E., McCahon,C.P., Poulton,M.J., Whiles,A.J., Wulffhorst,J. 1991
Behavioural responses to pollutants - application in freshwater bioassays. pp. 245-254. In: Jeffrey,D.W., Madden,B.(eds): Bioindicators and environmental management. Acad.Press:London, 458pp.
- Petersen,C.E., Hinkle,E. 1991
Annotated list of the caddisflies (Trichoptera) of the west branch of the DuPage River and Kline Creek, Illinois. - Trans.Illin.State Acad.Sci. 84:203-205.
- Riddiford,N., Proctor,B. 1991
Moths, caddis flies and other invertebrates on Fair Isle in 1990. - Fair Isle Bird Obs.Rep. no.43:61-65.

- Rüddenklau,R. 1991
Vergleich von Ergebnissen aus Emergenz-, Licht- und Handnetzfängen adulter Köcherfliegen sowie Benthosaufsammlungen verschiedener Fließgewässer im Westharz. - Lauterbornia 8:21-40.
- Rüddenklau,R. 1991
Die bisher vom Gebiet des Harzes bekannten Trichopteren sowie einige Anmerkungen zu ihrer Zoogeographie und zu ihrem Gefährdungsgrad. - Göttinger NaturkdL.Schr. 2:5-16.
- Scrimgeour,G.J. 1991
Life history and annual production of net-spinning caddisfly *Aoteapsyche colonica* (Trichoptera: Hydropsychidae) in an unstable New Zealand river. - NZ Nat.Sci. 18:31-37.
- Soto,J., Presa,Y., Postigo,M. 1991
Estudio de los tricópteros del río Orbigo (León). - Sci.Gerundensis 16:203-217.
- Usis,J.D., Foote,B.A. 1991
Influence of strip-mining on the mortality of a wetland caddisfly, *Limnephilus indivisus* (Trichoptera: Limnephilidae). - Great Lak.Ent. 24:133-143.
- Welch,R.C. 1991
The insect collections of W.E.Russell at Monks Wood Experimental Station. Part 2, Odonata, Neuroptera and Trichoptera. - Huntingdonshire Fauna Flora Soc.Ann.Rep. 43:26-31.
- Wrona,F.J., Dixon,R.W.J. 1991
Group size and predation risk: a field analysis of encounter and dilution effects. - Amer.Nat. 137:186-201.
- 1992
- Arillo,A., Bremond,C.S. 1992
Nota sobre la presencia de un tricóptero y un odonato en el Mioceno Superior de la depresión ceretana. - Bol.Geol.Minero (Madrid) 103(6):16-20.
- Andersen,T., Joergensen,L.L., Kjaerandsen,J. 1992
Relative abundance and flight periods of some caddis flies (Trichoptera) from the Faroes. - Ent.Medd. 60:117-123.
- Andrew,R.H. 1992
Recent additions to the Orkney caddis fly fauna. - Orkney Field Club Bull.(Biol.Rec.Supp.) 1992:35-41.
- Andrewes,M. 1992
A day out with Marjorie Andrewes collecting caddis larvae (Trichoptera). - Yorks.Nat.Union Bull. 17:5-9.
- Cain,D.J., Luoma,S.N., Carter,J.L., Fend,S.V. 1992
Aquatic insects as bioindicators of trace element contamination in cobble-bottom rivers and streams. - Can.J.Fish.Aquat.Sci. 49:2141-2154.
- Camargo,J.A., Ward,J.V. 1992
Short-term toxicity of sodium nitrate (NaNO_3) to non-target freshwater invertebrates. - Chemosphere 24:23-28.
- Camargo,J.A., Ward,J.V. 1992
Differential sensitivity of *Dugesia dorotocephala* and *Cheumatopsyche pettiti* to water acidification: ecological implication for predatory-prey interaction. - Arch.Environ.Contamin.Toxicol. 23:59-63.
- Dudley,T.L. 1992
Beneficial effects of herbivores on stream macroalgae via epiphyte removal. - Oikos 65:121-127.
- Fey,M. 1992
Fangnetzbau bei Köcherfliegen. - Biol.uns.Zeit 22:163-167.
- Fischer,J., Eckstein,R. 1992
Hydropsyche bulgaromanorum Malicky 1977, neu für Hessen (Trichoptera, Hydropsychidae). - Hess.Faun.Briefe 12:14-16.
- Floyd,M.A. 1992
New microcaddisfly (Trichoptera: Hydroptilidae) records for Kentucky. - Trans.Kentucky Acad.Sci. 53:50.
- Georgian,T., Thorp,J.H. 1992
Effects of microhabitat selection on feeding rates of net-spinning caddisfly larvae. - Ecology 73:229-240.
- Greenwood,M.T., Large,A.R.G. 1992
Insect sub-fossils from the Trent floodplain at Repton. - Derbys.Ent.Soc.J. 107:12-17.
- Hill,W.R. 1992
Food limitation and interspecific competition in snail-dominated streams. - Can.J.Fish.Aqu.Sci. 49:1257-1267.
- Holmes,P.R., Boyce,D.C., Reed,D.K., Wallace,I.D. 1992
Oxyethira mirabilis Morton (Trichopt., Hydroptilidae) found in Wales. - Ent.Mon.Mag. 128:202.
- Ismail,A.R.bm 1992
Taxonomic and biological studies on caddis flies (Trichoptera: Insecta) from Peninsular Malaysia. - Ph.D.Diss., University of Wales, 356 pp.
- Jorgenson,J.K., Welch,H.E., Curtis,M.F. 1992
Response of Amphipoda and Trichoptera to lake fertilization in the Canadian Arctic. - Can.J.Fish.Aquat.Sci. 49:2354-2362.
- Koetsier,P., Bryan,C.F. 1992
Diel, size-differential drift patterns of three macroinvertebrate species in the lower Mississippi River, Louisiana (USA). - Hydrobiologia 228:225-230.
- Larsson,J.I.R., Bylen,E.K.C. 1992
Tardivesicula *duplicata* gen. et sp.nov. (Microspora, Duboscqidae), a microsporidian parasite of the caddis fly *Limnephilus centralis* (Trichoptera, Limnephilidae) in Sweden. - Eur.J.Protistol. 28:25-36.
- Magee,L. 1992
The caddis fly *Brachycentrus subnubilus* Curtis on the River Wharfe. - Yorks.Nat.Union Bull. 17:10-11.
- Newman,R.M., Hanscom,Z., Kerfoot,W.C. 1992
The watercress glucosinolate-myrosinase system: a feeding deterrent to caddisflies, snails and amphipods. - Oecologia 92:1-7.
- Petersen,C.E., Brogan,R. 1992
Annotated list of the caddisflies (Trichoptera) of Winfield Creek, Kress Creek, and Spring Brook Creek, Illinois. - Trans.Illin.State Acad.Sci. 85:205-210.
- Poff,N.L., Ward,J.V. 1992
Heterogeneous currents and algal resources mediate in situ foraging activity of a mobile stream grazer. - Oikos 65:465-478. (on *Agapetus boulderensis*)
- Resh,V.H. 1992
Year-to-year changes in the age structure of a caddisfly population following loss and recovery of a springbrook habitat. - Ecography (Copenhagen) 15:314-317.
- Solem,J.O., Gaare,E. 1992
Radiocesium in aquatic invertebrates from Dovrefjell, Norway, 1986 to 1989, after the Chernobyl fall-out. - J.Environ.Radioactivity 17:1-11.

- Wieland,F. 1992
Köcherfliegenlarven - wichtiges Glied in
aquatichen Ökosystemen der Oberlausitz. -
Z.Binnenfisch.DDR 37:97-98.
- 1993
- Basaguren,A., Orive,E. 1993
Caracterizacion de la cuenca del Ibaizabal
(Bizkaia) en base a las comunidades de
Tricópteros. - Actas VI Congr.Esp.Limnol.Granada
1993:379-386.
- Dallai,R., Afzelius,B.A., Lanzavecchia,S.,
Bellon,P.L. 1993
Native microtubules with a variable number of
protofilaments. - Cell Motil.Cytoskeleton 24:49-53.
- Friedländer,M. 1993
Phylogenetic position of rhyacophilid caddisflies
(Insecta, Trichoptera). A spermatological analysis
of Rhyacophilidae and Glossosomatidae. -
Zool.Scripta 22:299-304.
- Gromov,V.V., Dmitriev,V.Yu., Zherikhin,V.V.,
Lebedev,E.A., Ponomarenko,A.G., Rasnitsyn,A.P.,
Sukatsheva,I.D. 1993
Cretaceous entomofaunas of River Ulya Basin. - In:
Ponomarenko,A.G.(ed: Mesozoic insects and
ostracodes of Asia:5-60. (see Braueria 24:22)
- Hancock,E.G. 1993
Caddisflies (Trichoptera) from a light-trap in
Newmilns, Ayrshire. - Glasgow Naturalist
22:251-254.
- Kolar,C.S., Rahel,F.J., 1993
Interaction of a biotic factor (predator presence)
and an abiotic factor (low oxygen) as an influence
on benthic invertebrate communities. - Oecologia
95:210-219.
- Kovats,Z.E., Ciborowski,J.J.H. 1993
Organochlorine contaminant concentrations in
caddisfly adults (Trichoptera) collected from Great
Lakes connecting channels. -
Environ.Monit.Assessment 27:135-158.
- Kumanski,K. 1993
Addition to Volume 15 (Trichoptera, Annulipalpia)
and Volume 19 (Trichoptera, Integripalpia) of the
series "Fauna of Bulgaria". - Hist.Nat.Bulg.
4:39-46. (Bulgarian)
- Larsson,J.I.R. 1993
Description of Chytridiopsis trichopterae n.sp.
(Microspora, Chytridiopsidae), a microsporidian
parasite of the caddis fly Polycentropus
flavomaculatus (Trichoptera, Polycentropodidae),
with comments on relationships between the families
Chytridiopsidae and Metchnikovellidae. -
J.Eukaryotic Microbiol. 40:37-48.
- Linklater,W., Winterbourn,M.J. 1993
Life histories and production of two trichopteran
shredders in New Zealand streams with different
riparian vegetation. - NZ J.Mar.Freshw.Res.
27:61-70.
- Magee,L. 1993
Further observations on the oviposition of the
caddis fly Brachycentrus subnubilus (Curtis). -
Yorksh.Nat.Union Bull. 20:20-21.
- Masteller,E.C. 1993
The Trichoptera (caddisflies) of Presque Isle State
Park and Lake Erie, Erie County, Pennsylvania. -
J.Pennsylv.Ac.Sci. 67:132-136.
- Nepomnyashchikh,V.A. 1993
Behaviour of the caddisfly, Chaetopteryx villosa
Fabr., larvae (Limnephilidae: Trichoptera), and
the optimal foraging theory. Zh.obshchei biol.
54:739-744. (see Braueria 24:22)
- Nepomnyashchikh,V.A. 1993
The role of accidental events in the control of
searching behaviour in caddis larvae. - Biol.nauki
11-12:74-81. (see Braueria 24:22)
- Nishimoto,F. 1993
A list of Trichoptera collected from the
Kushiro-shitsugen Marsh, Hokkaido, Japan. -
Biol.Inland Waters 8:21-23. (Japanese)
- O'Connor,N.A. 1993
Resource enhancement of grazing mayfly nymphs by
retreat-building caddisfly larvae in a sandbed
stream. - Austral.J.Mar.Freshw.Res. 44:353-362.
- Ross,L.R., Murkin,H.C. 1993
The effect of above-normal flooding of a northern
prairie marsh on Agraylea multipunctata Curtis
(Trichoptera: Hydroptilidae). - J.Freshw.Ecol.
8:27-35.
- Savill,A., Ward,J. 1993
Alexander Grant McFarlane 1899 - 1992. - NZ Ent.
16:102-103.
- Scharf,B.W. 1993
Ostracoda (Crustacea) and Trichoptera (Insecta)
from late- and post-glacial sediments of some
European maar lakes. - Lecture notes Earth Sci.
49:435-439.
- Sivaramakrishnan,K.G. 1993
Trichoptera - a study in biological diversity. -
Hexapoda (Insecta Indica) 5:173-181.
- StClair,R.M. 1993
Life histories of six species of Leptoceridae
(Insecta: Trichoptera) in Victoria. -
Austral.J.Mar.Freshw.Res. 44:363-379.
- Whiles,M.R., Wallace,J.B., Chung,K. 1993
The influence of Lepidostoma (Trichoptera:
Lepidostomatidae) on recovery of leaf-litter
processing in disturbed headwater streams. -
Amer.Midl.Nat. 130:356-363.
- Winterbourn,M.J., Harding,J.S. 1993
Life history variability and larval ecology of
Aoteapsyche colonica (Trichoptera: Hydropsychidae)
in the South Island, New Zealand. - NZ Nat.Sci.
20:23-33.
- Wotton,R.S., Wipfli,M.S., Watson,L., Merritt,R.W.
1993
Feeding variability among individual aquatic
predators in experimental channels. - Can.J.Zool.
71:2033-2037.
- 1994
- Basaguren,A., Riaño,P. 1994
Trophic structure variability of the
macroinvertebrate communities in the Agüera Stream
(Northern Spain). - Verh.Int.Ver.Limnol.
25:1727-1732.
- Blanke,D. 1994
Zur Eintags-, Stein- und Köcherfliegenfauna
(Insecta: Ephemeroptera, Plecoptera, Trichoptera)
des südniedersächsischen Baches Bremke
(Norden-Hardenberg, Kreis Northeim). - Göttinger
Naturk.Schriften 3:97-104.
- Botosaneanu,L. 1994
Possible sympatric speciation in some West Indian
caddisflies (Insecta:Trichoptera). Pp.78-81. - In:
Coomans-Eustatia,M., Moolenbeek,R., Los,W.,
Prins,P.(eds): De Horen en zijn Echo. - Stichting
Libri Antilliani. Zool.Mus.Amsterdam.
- Bouvet,Y. 1994
Trichoptera. pp.327-331. In: Juberthie,C., Decu,V.
(eds): Encyclopedia biospeologica 1:I-XII, 1-834.
Société de Biospéologie, Moulis & Bucarest.

- Case,S.T., Powers,J., Hamilton,R., Burton,M.J. 1994 Silk and silk proteins from two aquatic insects. - American Chemical Society Symposium Series 544:80-90.
- DeWalt,R.E., Stewart,K.W., Moulton,S.R.III, Kennedy,J.H. 1994 Summer emergence of mayflies, stoneflies, and caddisflies from a Colorado mountain stream. - Southw.Naturalist 39:249-256.
- Frost,R. 1994 The caddis fly *Agrypnia obsoleta* at Barbrook Reservoir. - Sorby Record 30:6.
- Geissen,H.-P. 1994 Flugorte einiger Köcherfliegenarten des Mittelrheins (Insecta: Trichoptera). - Fauna Flora Rheinl.-Pfalz 7:768-770.
- Haase,P., Meijering,M.P.D. 1994 Erstnachweis von *Ironoquia dubia* (Stephens, 1837) für das niedersächsische Hügel- und Bergland (Insecta: Trichoptera). - Braunschweig.naturkd.Schr. 4:691-694.
- Hoffmann,A. 1994 Zur Fauna der Fließgewässer Nordwest-Griechenlands. - Verh.Westd.Entom.Tag 1993:87-93.
- Hunter,F.F., Maier,A.K. 1994 Feeding behaviour of predatory larvae of *Atherix lautha* Webb (Diptera: Athericidae). - Can.J.Zool. 72:1695-1699.
- Ivanov,V.D. 1994 The vibratory signaling of caddisflies (Insecta, Trichoptera). - Zool.Zh. 73:55-70. (see Braueria 24:22)
- Junck,C., Schoos,F., Schoos,R. 1994 Flora und Fauna der Steingrube "Schoofsboesch" bei Bettendorf. - Bull.Soc.Nat.Luxembourg 95:49-102.
- Klima,F. 1994 Zur Köcherfliegenfauna der Märkischen Schweiz (Insecta, Trichoptera). - Novius 17:352-356.
- Kobuszewski,D.M., Perry,S.A. 1994 Secondary production of *Rhyacophila minora*, *Ameletus* sp., and *Isonychia bicolor* from streams of low and circumneutral pH in the Appalachian Mountains of West Virginia. - Hydrobiologia 273:163-169.
- Konishi,K., Aoyagi,M. 1994 A new species of the genus *Agriotypus* (Hymenoptera, Ichneumonidae) from Japan. - Jap.J.Ent. 62:421-431. (*A.silvestris* on *Neophylax*)
- Konno,Y., Hatakeyama,S., Sugaya,Y., Fukushima,S. 1994 A fenitrothion - insensitive mechanism of the caddisfly, *Cheumatopsyche brevilineata* (Trichoptera: Hydropsychidae), a dominant species in pesticide-polluted rivers. - Appl.Ent.Zool. 29:113-116.
- Krno,I., Illesova,D., Halgos,J. 1994 Temporal fauna of the Gidra Brook (Little Carpathians, Slovakia). - Acta Zool.Univ.Comenianae 38:35-46.
- Lanzavecchia,S., Bellon,P.L., Dallai,R., Afzelius,B.A. 1994 Three-dimensional reconstructions of accessory tubules observed in the sperm axonemes of two insect species. - J.Structural Biol. 113:225-237.
- Liess,M. 1994 Pesticide impact on macroinvertebrate communities of running waters in agricultural ecosystems. - Verh.IVL 25:2060-2062.
- Marten,M., Hackbarth,W., Roos,P. 1994 Zum Verhalten ausgewählter Eintagsfliegen-, Steinfliegen- und Köcherfliegen-Larven bei Sauerstoffmangel. - Lauterbornia 17:39-59.
- Neboiss,A. 1994 Trichoptera (caddis-flies, caddises). pp. 388-394. - In: Naumann,I.D. (ed): Systematic and applied entomology: an introduction. Melbourne Univ.Press.
- Nelson,S.M. 1994 Observed field tolerance of caddisfly larvae (*Hesperophylax* sp.) to high metal concentrations and low pH. - J.Freshw.Ecol. 9:169-170.
- Nepomnyashchikh,V.A., Podgorny,K.A. 1994 The orderly sequence of behaviour in the larvae of caddisfly, *Chaetopteryx villosa* Fabr. (Limnephilidae, Trichoptera) caused by random stimuli sequences. - Zh.obshchei biol. 55:328-336. (see Braueria 24:22)
- Nepomnyashchikh,V.A., Podgorny,K.A. 1994 Study of the sources of instinctive behaviour variability. - Zh.obshchei biol. 55:613-622. (see Braueria 24:22)
- Nishimoto,H. 1994 A new species of *Apatania* (Trichoptera, Limnephilidae) from Lake Biwa, with notes on its morphological variation within the lake. - Jap.J.Ent. 62:775-785.
- Pitsch,T. 1994 Untersuchungen zur Besiedlung der Fließgewässer im Vorfeld des Nationalparks Bayerischer Wald. Trichoptera, Odonata, Amphipoda, Isopoda. - Acta Albertina Ratisbonensis 49:127-174.
- Rowe,C.L., Sadinski,W.J., Dunson,W.A. 1994 Predation on larval and embryonic amphibians by acid-tolerant caddisfly larvae (*Ptilostomis postica*). - J.Herpetology 28:357-364.
- Solem,J.O., Alm,T. 1994 Southwards migration of freshwater invertebrates from northern Norway. - Fauna norv.Ser.A 15:9-18.
- StClair,R.M. 1994 Diets of some larval Leptoceridae (Trichoptera) in south-eastern Australia. - Austral.J.Mar.Freshw.Res. 45:1023-1032.
- StClair,R.M. 1994 Some larval Leptoceridae (Trichoptera) from south-eastern Australia. - Rec.Austral.Mus. 46:171-226.
- Studemund,A., Rosenberg,J. 1994 Freilandvorkommen von *Melanoides tuberculatus* (O.F.Müller, 1774), *Planorbella druryi* (Wetherby, 1879) (Mollusca, Gastropoda) und *Hydropsyche exocellata* (Dufour, 1841) (Trichoptera, Hydropsychidae) im Rheinland. - Decheniana 147:152.
- Studemund,A., Rosenberg,J. 1994 Freilandvorkommen von *Melanoides tuberculatus* (O.F.Müller, 1774) und *Planorbella druryi* (Wetherby, 1879) im Rheinland nebst Anmerkungen zur *Hydropsyche exocellata* (Dufour, 1841) (Trichoptera: Hydropsychidae). - Mitt.Dt.Malakozool.Ges. 53:15-18.
- Sukatsheva,I.D. 1994 The Jurassic cases of caddisflies (Insecta, Trichoptera) from Mongolia. - Paleont.J. 1994(4):76-85. (see Braueria 24:14)
- Ujvárosi,L. 1994 Contribuții la cunoașterea faunistică a trichopterelor (Insecta: Trichoptera) din Depresiunea Ciuc. - Bul.inf.Soc.lepid ром. 5:149-163.

- Vuori, K.-M. 1994
Rapid behavioural and morphological responses of hydropsychid larvae (Trichoptera, Hydropsychidae) to sublethal cadmium exposure. - Environ.Pollut. 84:291-299.
- Yu, I., Koyama, N., Kawai, T. 1994
Case development and life cycle of *Micrasema quadriloba* Martynov (Trichoptera: Brachycentridae). - Biol.Inland waters 9:25-33. (Japanese)
- 1995
- Angrisano, E.B. 1995
Contribucion al conocimiento de los Trichoptera del Uruguay. 2.Familia Hydroptilidae. - Rev.Bras.Ent. 39:501-516.
- Bagge, P. 1995
Emergence and upstream flight of lotic mayflies and caddisflies (Ephemeroptera and Trichoptera) in a lake outlet, central Finland. - Ent.Fenn. 6:91-97.
- Bagge, P. 1995
Vesiperhosten (Trichoptera) ruokailukillat ja aikuisten emergenssi Konneveden rantavyöhykkeessä sekä Siikakoskessa. - Kalatutkimuksia 100:107-119.
- Berlin, A. 1995
Ökologische Bewertung typischer Fließgewässerabschnitte an der Nebel. Über Trichopteren als Bioindikatoren. - Nachr.Ent.Ver.Apollo, Suppl. 15:185-200.
- Betts, B.J., Wissemann, R.W. 1995
Geographic range and habitat characteristics of the caddisfly *Cryptochia neosa*. - Northwest Science 69:46-51.
- Blackburn, J.H., Forrest, M.B. 1995
New records of *Hydropsyche saxonica* McLachlan (Trichopt., Hydropsychidae) from small streams in Great Britain. - Ent.Mon.Mag. 131:71-76.
- Bowles, D.E. 1995
A new species of *Austrotinodes* (Trichoptera, Economiidae) from Texas. - J.N.Y. Ent.Soc. 103:155-161.
- Bueno-Soria, J., Santiago-Fragoso, S. 1995
Descripcion de una especie nueva del genero *Protoptila* Banks (Trichoptera: Glossosomatidae) para Mexico. - Folia ent.Mex. 93:87-90.
- Camargo, J.A., Ward, J.V. 1995
Nitrate (NO_3^- -N) toxicity to aquatic life: a proposal of safe concentrations for two species of Nearctic freshwater invertebrates. - Chemosphere 31:3211-3216.
- Christian, A., Klima, F., Küttner, R., Mey, W., Robert, B. 1995
Verzeichnis der Köcherfliegenarten des Freistaates Sachsen (Insecta, Trichoptera). - Mitt.Sächs.Ent. 29:6-11.
- Collier, K.J., Croker, G.F., Hickey, C.W., Quinn, J.M., Smith, B.S. 1995
Effects of hydraulic conditions and larval size on the microdistribution of *Hydrobiosidae* (Trichoptera) in two New Zealand rivers. - NZ J.Mar.Freshw.Res. 29:439-451.
- Conn, D.B., Quinn, C.M. 1995
Ultrastructure of the vitellogenic egg chambers of the caddisfly *Brachycentrus incanus* (Insecta: Trichoptera). - Invertebr.Biol. 114:334-343.
- Dallai, R., Afzelius, B.A. 1995
Phylogenetic significance of axonemal ultrastructure: Examples from Diptera and Trichoptera. - Mem.Mus.Natl.Hist.Nat.(France) 166:301-310.
- Erman, N.A., Erman, D.C. 1995
Spring permanence, Trichoptera species richness, and the role of drought. - J.Kansas Ent.Soc.Suppl. 68:50-64.
- Flint, O.S.Jr. 1995
Studies of Neotropical caddisflies, LII: The genus *Wormaldia* in Nicaragua, with the description of a new species (Trichoptera: Philopotamidae). - Rev.Nicarag.Ent. 31:5-9.
- Forrest, M.B., Harper, D.M., Blackburn, J.H. 1995
A description of larval *Hydropsyche saxonica* McLachlan (Trichoptera: Hydropsychidae). - Entomologist 114:146-152.
- Gibon, F.-M., Ranaivoharindriaka, F. 1995
Présence du genre *Catoxyethira* à Madagascar et description des premières espèces (Trichoptera Hydroptilidae). - Rev.Fr.Ent.N.S. 17:107-114.
- Goretti, E., Tamanti, V., di Giovanni, M.V. 1995
Trichoptera populations in the water system of the River Tiber in Tuscany and Emilia Romagna (Italy). - Boll.Zool. 62:297-304.
- Haase, P. 1995
Rhyacophila pubescens (Pictet 1834), neu für Hessen (Insecta: Trichoptera). - Hess.Faunist. Briefe 14:25-26.
- Harding, D.J.L. 1995
Land register for a caddis larva ? - Antenna 19(1):18-20.
- Higler, L.W.G. 1995
List of caddisflies (Trichoptera) in the Netherlands with notes on extinct and endangered species. - Ent.Ber.(Amst.) 55:149-156.
- Hoffmann, A. 1995
Aspekte der Imaginalbiologie von *Lasiocephala basalis* (Trichoptera, Lepidostomatidae). - Verh.Westd.Entom.Tag 1994:155-162.
- Holzenthal, R.W., Blahnik, R.J. 1995
New species of *Smicridea* (Rhyacophylax) (Trichoptera: Hydropsychidae) from Costa Rica. - Ent.News 106:213-223.
- Jarzembowski, E.A. 1995
Fossil caddisflies (Insecta: Trichoptera) from the Early Cretaceous of southern England. - Cretaceous Research 16:695-703.
- Johansson, A., Englund, G. 1995
A predator-prey game between bullheads and case-making caddis larvae. - Animal Behaviour 50:785-792.
- Kerr, J.D., Wiggins, G.B. 1995
A comparative morphological study of lateral line systems in larvae and pupae of Trichoptera. - Zool.J.Linn.Soc. 115:163-184.
- Kiss, O., Kókai, E., Koncz, G. 1995
Uppony környéki csernely-patak Trichopterái. - Acta Acad.Agr.NS 21, Suppl. 1:327-339.
- Klima, M., Klima, F. 1995
Cheumatopsyche lepida Pictet, 1834 - eine neue Köcherfliegenart für Brandenburg (Trich., Hydropsychidae). - Ent.Nachr.Ber. 38:279-280.
- Kobayashi, T. 1995
Eurycnemus sp. (Diptera: Chironomidae) larvae ectoparasitic on pupae of *Goera japonica* (Trichoptera: Limnephilidae). - In: Cranston, P.(ed.): Chironomids from genes to ecosystem. CSIRO Australia, pp.317-321.

- Lamberti,G.A., Gregory,S.V., Ashkenas,L.R., Li,J.L., Steinman,A.D., McIntyre,C.D. 1995 Influence of grazer type and abundance of plant-herbivore interactions in streams. - *Hydrobiologia* 306:179-188.
- Larsson,J.I.R. 1995 A light microscopic and ultrastructural study of *Gurleya legeri* sensu Mackinnon (1911) - with establishment of the new species *Gurleya dorisae* sp.n. (*Microspora*, *Gurleyidae*). - *Acta Protozool.* 34:45-56.
- Lavandier,P., Cereghino,R. 1995 Use and partition of space and resources by two coexisting *Rhyacophila* species (Trichoptera) in a high mountain stream. - *Hydrobiologia* 300:157-162.
- Lietz,J., Böttger,K. 1995 Die Ephemeroptera, Plecoptera und Trichoptera (Insecta) eines kleinen, naturnahen Baches im Norddeutschen Tiefland (Kremper Au, Schleswig-Holstein). - *Faun.-ökol. Mitt.* 7:47-59.
- MacLean,D.B. 1995 Adult Trichoptera of the Devil Track River watershed, Cook County, Minnesota and their role in biomonitoring. - *Great Lakes Ent.* 28:135-154.
- Mihuc,T.B., Mihuc,J.R. 1995 Trophic ecology of five shredders in a Rocky Mountain stream. - *J.Freshw.Ecol.* 10:209-216.
- Moravec,F. 1995 Trichopteran larvae (Insecta) as the intermediate hosts of *Rhabdochona hellichi* (Nematoda: Rhabdochonidae), a parasite of *Barbus barbus* (Pisces). - *Parasitol.Res.* 81:268-270.
- Moravec,F., Scholz,T. 1995 Life history of the nematode *Rhabdochona hellichi*, a parasite of the barbel in the Jihlava River, Czech Republic. - *J.Helminthol.* 69:59-64.
- Nógrádi,S., Uherkovich,Á. 1995 Az Órség tegzes (Trichoptera) faunája. - *Savaria (Pars hist.-nat.)* 22/2:63-81.
- Novokshonov,V.G., Ivanov,V.D., Sukacheva,I.D. 1995 New Jurassic caddis flies (Insecta, Phryganeida = Trichoptera) from Siberia and Mongolia. - *Paleontol.J.* 29:157-163.
- Pescador,M.L., Rasmussen,A.K., Harris,S.C. 1995 Identification manual for the caddisfly (Trichoptera) larvae of Florida. - *Florida Dept.Environm.Protection, Tallahassee.* 132 pp.
- Petersen,R.C.jr., Gislason,G.M., Vought,L.B.-M. 1995 Rivers of the nordic countries. pp.295-341. In: Cushing,C.E., Cummins,K.W., Minshall,G.W. (eds): *River and stream ecosystems*. Elsevier, Amsterdam.
- Pettersson,E. 1995 Male load-lifting capacity and mating success in the swarming caddis fly *Atripsodes cinereus*. - *Physiol.Entomol.* 20:66-70.
- de Pietro,R., Lombardo,B.M., Viglianisi,F. 1995 Differenziamento genetico in alcune specie italiane di *Hydropsyche* (Trichoptera: Hydropsychidae). - *Atti 56.Congr.Unione Zool.Ital.*:207-208.
- Schultz,R., Liess,M. 1995 Chronic effects of low insecticide concentrations on freshwater caddisfly larvae. - *Hydrobiologia* 299:103-113.
- Sheath,R.G., Mueller,K.M., Larson,D.J., Cole,K.M. 1995 Incorporation of freshwater Rhodophyta into the cases of caddisflies (Trichoptera) from North America. - *J.Phycol.* 31:889-896.
- Sites,R.W., Bowles,D.E. 1995 *Ambrysus hungerfordi hungerfordi* (Hemiptera: Naucoridae) occurrence in the United States. - *J.Kansas Ent.Soc.* 68:476-478.
- Snyder,S.D., Hendricks,A.C. 1995 Effect of seasonally changing feeding habits on whole-animal mercury concentrations in *Hydropsyche morosa* (Trichoptera: Hydropsychidae). - *Hydrobiologia* 299:115-123.
- Szczesny,B. 1995 Degradacja fauny bezkręgowców bentosowych Dunajca w rejonie pienińskiego parku narodowego. - *Ochr.Przr.* 52:207-224.
- Thiele,V., Mehl,D., Berlin,A., Thamm,V. 1995 Schmetterlinge, Köcherfliegen und Libellen - Bioindikatoren für den ökologischen Zustand von Niederungsbereichen der Nebel, Kreis Gustrow, Mecklenburg-Vorpommern (Lepidoptera, Trichoptera, Odonata). - *Mitt.Dt.Ges.allg.Ang.Ent.* 9:831-834.
- Twitchett,R.J. 1995 A new Lower Cretaceous insect fauna from the Vectis Formation (Wealden Group) of the Isle of Wight. - *Proc.Geol.Ass.* 106:47-51.
- Ujvarosi,L. 1995 Două specii noi și câteva specii rare de trichoptere pentru fauna României. - *Bul.inf.Soc.lepid.rom.* 6:151-155.
- Vuori,K.-M. 1995 Assessing the impact of river pollution via individuals, populations and guilds of hydropsychid caddis larvae. - *Joensuu Yliopiston Luonnontieteellisia Julkaisuja* 32:1-146.
- Walker,K., Neboiss,A., Dean,J., Cartwright,D. 1995 A preliminary investigation of the caddisflies (Insecta: Trichoptera) of the Queensland wet tropics. - *Austral.Ent.* 22:19-31.
- Weaver,J.S. III 1995 Transferral of *Polycentropus timesis* (Denning) comb.nov. from the genus *Neureclipsis* (Trichoptera: Polycentropodidae). - *Proc.Ent.Soc.Wash.* 97:892.
- Wolf,K.W., Klein,C. 1995 The basal parts in spermatids of a caddisfly, *Potamophylax rotundipennis* (Limnephilidae, Trichoptera), possess a central pair of microtubules. - *J.Structural Biol.* 115:60-67.
- Wolf,K.W., Klein,C. 1995 Development of the sperm head in the caddis fly *Potamophylax rotundipennis* (Insecta, Trichoptera). - *Zo morphology (Berlin)* 115:109-115.
- Xue,Y., Wang,H. 1995 A new species of the genus *Hydroptila* (Trichoptera: Hydroptilidae) from China. - *Entomotaxonomia* 17:208-210.
- 1996
- Anderwald,P.H. 1996 A quantitative description of the life cycle and density regulation of *Brachycentrus subnubilus* in the Austrian Danube. - *Arch.Hydrobiol.Suppl.* 113:417-424.
- Arefina,T.I., Ivanov,V.D., Levanidova,I.M. 1996 Six new species and three new records of caddisflies (Trichoptera) from the Far East of Russia, with remarks on the *Hyalopsyche sachalinica* Martynov. - *Far Eastern Ent.* 34:1-12.
- Arnscheidt,J., Balzer,I., Mädler,K. 1996 Neunachweis von *Hydroptila angulata* Mosely 1922 (Trichoptera) für Sachsen. - *Lauterbornia* 25:143-145.

- Bacher,I., Waringer,J.A. 1996
Hydraulic microdistribution of cased caddis larvae in an Austrian mountain brook. - Int.Rev.ges.Hydrobiol. 81:541-554.
- Bäthe,J. 1996
Decreasing salinity and initial reactions of the macrozoobenthos in the river Werra and Weser. - Arch.Hydrobiol.Suppl. 113:305-312.
- Bertuetti,E., Moretti,G.P., Valle,M. 1996
New data on the Trichoptera of a few springs of the province of Bergamo - Lombardia. - Proc.20.Int.Congr.Ent.Firenze:360.
- Bicchierai,M.C., Gaino,E. 1996
Ovariole ultrastructure in *Silo mediterraneus saturniae* Moretti (Trichoptera: Goeridae). - Proc.20.Int.Congr.Ent.Firenze:128.
- Bjostad,L.B., Jewett,D.K., Brigham,D.L. 1996
Sex pheromone of caddisfly *Hesperophylax occidentalis* (Banks) (Trichoptera: Limnephilidae). - J.Chem.Ecol. 22:103-122.
- Böhme,D. 1996
Wiedernachweise von *Micrasema longulum* McLachlan, 1876 (Insecta, Trichoptera) und *Perla burmeisteriana* (Claassen, 1936) (Insecta, Plecoptera) in Sachsen-Anhalt. - Ent.Nachr.Ber. 40:182-183.
- Brettfeld,R., Bellstedt,R., Joost,W., Zimmermann,W. 1996
Zur Limnofauna des Unterlaufs der Ulster. - Abh.Ber.Mus.Nat.Gotha 19:3-23.
- Brettfeld,R. 1996
Wiederfunde verschollener Köcherfliegen (Insecta, Trichoptera) in Thüringen. - Lauterbornia 25:127-131.
- Brinkmann,R., Reusch,H., Speth,S. 1996
Wormaldia-Vorkommen im norddeutschen Tiefland (Trichoptera: Philopotamidae). - Lauterbornia 25:107-115.
- Bueno-Soria,J., Santiago-Fragoso,S. 1996
Studies in aquatic insects X: Descriptions of five new species of the genus *Culoptila* Mosely (Trichoptera: Glossosomatidae) from México. - Proc.Biol.Soc.Wash. 109:446-452.
- Christian,E., Graf,W., Moog,O. 1996
Plusiocampa caprai - ein "Höhlentier" in den Kärntner Zentralalpen. - Carinthia II 186/106:387-392. (about *Rhyacophila bonaparti*)
- Cianficconi,F., Moretti,G.P. 1996
Morphology and coleobiosis of two species of *Helicopsyche* von Siebold, 1856, present in Italy (Insecta Trichoptera: Helicopsychidae). - Proc.20.Int.Congr.Ent.Firenze:359.
- Cianficconi,F., Corallini,C., Moretti,G.P., Azara,C. 1996
Tricotteri delle piccole isole circumsarde e della Gallura. Simbionti delle larve. - Biogeographia 18:547-568.
- Crema,S., Ferrarese,U., Golo,D., Modena,P., Sambugar,B., Gerecke,R. 1996
Ricerche sulla fauna bentonica ed interstiziale di ambienti sorgentizi in area alpina e prealpina. - Rep.Centro Ecol.Alp.(Trento) 8:1-104.
- Czachorowski,S. 1996
Caddis flies (Trichoptera) of the Zehlau peatbog, results of preliminary studies. - (Flora i fauna bolota zelau: Tesis dokl.meshd.nau.konf., Kaliningrad: 49-51.
- Dudgeon,D. 1996
Life history, secondary production and micro-distribution of *Stenopsyche angustata* (Trichoptera: Stenopsychidae) in a tropical forest stream. - J.Zool.Lond. 238:679-691.
- Enders,G., Wagner,R. 1996
Mortality of *Apatania fimbriata* (Insecta: Trichoptera) during embryonic, larval and adult life stages. - Freshw.Biol. 36:93-104.
- Engels,S., Neumann,D., Löbbel,H., Brühne,M. 1996
Waiting for *Hydropsyche* - Why has only one of at least four local *Hydropsyche* species returned into the Lower River Rhine? - Arch.Hydrobiol.Suppl. 113:313-317.
- Erman,N.A. 1996
Status of aquatic invertebrates. - In: Sierra Nevada Ecosystem Project: Final report to Congress, vol.II, Assessments and scientific basis for management options: 987-1008. Davis: Univ.of California.
- Flint,O.S.,jr. 1996
The Trichoptera collected on the expeditions to Parque Manu, Madre de Dios, Peru. - In: Wilson,D.E., Sandoval,A. (eds): Manu. The biodiversity of southeastern Peru. Smithsonian, Washington DC, pp. 369-430.
- Flint,O.S.,jr. 1996
Checklist of the Trichoptera, caddisflies, of Cuba. - Cocuyo (Habana) 5:15-17.
- Flint,O.S.,jr. 1996
Caddisflies do count: Collapse of S.R.675 bridge over the Pocomoke River, Pocomoke City, Maryland. - Bull.NABS 13:376-383.
- Flint,O.S.,jr. 1996
Studies of Neotropical caddisflies LV: Trichoptera of Trinidad and Tobago. - Trans.Amer.Ent.Soc. 122:67-113.
- Fochetti,R., Argano,R., Belfiore,C., Mancini,L., Moretti,G.P. 1996
Composizione e struttura della comunità macrobentonica del fiume Fiora e considerazioni sulla qualità delle acque. - Riv.Idrobiol. 33:105-128.
- Gibon,F.-M., Elouard,J.-M. 1996
Etude préliminaire de la distribution des insectes lotiques à Madagascar (exemples des trichoptères Philopotamidae et diptères Simuliidae). - In: Lourenco,W.R.(ed.): Biogéographie de Madagascar. ORSTOM, Paris, pp.507-516.
- Gibon,F.-M., Elouard,J.-M., Sartori,M. 1996
Spatial distribution of some aquatic insects in the Réserve Naturelle Intégrale d'Andringitra, Madagascar. - Fieldiana Zool.N.S. 85:109-120.
- Giudicelli,J., Botosaneanu,L. 1996
Contributions to the study of the Corsican - Sardinian endemic caddis fly *Beraeodina palpalis* Mosely (Insecta: Trichoptera: Beraeidae). - Reichenbachia 31:209-215.
- Graf,W. 1996
Die makrozoobenthische Besiedlung des Flachwasserbiotopes Neudenstein unter besonderer Berücksichtigung der Köcherfliegen (Trichoptera). - In: Entwicklung im Flachwasserbiotop Neudenstein. Forschung im Verbund 24:71-82. Wien.
- Green,C.P., Coope,G.R., Jones,R.L., Keen,D.H., Bowen,D.Q., Currant,A.P., Holyoak,D.T., Ivanovich,M., Robinson,J.E., et al. 1996
Pleistocene deposits at Stoke Goldington, in the valley of the Great Ouse, UK. - J.Quaternary Sci. 11:59-87.

- Guinand,B., Ivol,J.-M., Tachet,H. 1996
Longitudinal distribution of Trichoptera in the Loire River (France): Simple ordination methods and community structure. - *Hydrobiologia* 317:231-245.
- Harris,S.C., Sykora,J.L. 1996
New species of microcaddisflies from the eastern United States (Insecta: Trichoptera: Hydroptilidae). - *Ann.Carnegie Mus.* 65:17-25.
- Harris,S.C., Kondratieff,B.C., Stark,B.P. 1996
New records of Ephemeroptera, Plecoptera and Trichoptera from Alabama. - *Ent.News* 107:237-242.
- Hohmann,M. 1996
Wiederfund von *Capnopsis schilleri* (Rostock 1892) (Plecoptera: Capniidae) in Sachsen-Anhalt. - *Lauterbornia* 27:41-45. (with list of Trichoptera)
- Ismail,A.R., Edington,J.M., Green,P.C. 1996
Descriptions of the pupae and larvae of *Stenopsyche siamensis* Martynov, 1931 (Trichoptera: Stenopsychidae) with notes on larval biology. - *Aquat.Insects* 18:241-252.
- Ito,T. 1996
A preliminary survey of macroinvertebrates associated with submerged leaves and stems of terrestrial plants in a headwater stream of northern Japan. - *Biol.Inl.Wat.* 11:12-19.
- Jewett,D.K., Brigham,D.L., Bjostad,L.B. 1996
Hesperophylax occidentalis (Trichoptera: Limnephilidae): Electroantennogram structure-activity study of sex pheromone component 6-methylnonan-3-one. - *J.Chem.Ecol.* 22:123-138.
- Johanson,K.A., Wichard,W. 1996
Caddis flies of Dominican Amber. X.Fossil species of *Helicopsychidae* (Trichoptera). - *Mitt.Geol.Paläont.Inst.Univ.Hamburg* 79:195-209.
- Joost,W. 1996
Zur Kenntnis der Plecoptera- und Trichoptera-Fauna der Emse, einem Bergbach im nordwestlichen Thüringer Wald. - *Abh.Ber.Mus.Nat.Gotha* 19:74-87.
- Kerans,B.L. 1996
The influence of periphyton and rock texture on the diel drift periodicity of a hydropsychid caddisfly. - *J.Freshwat.Ecol.* 11:163-169.
- Kofler,A., Deutsch,H. 1996
Über Insekten am Gailufer im Lesachtal (West-Kärnten) (Hymenoptera, Planipennia, Trichoptera, Diptera, Heteroptera, Coleoptera, Lepidoptera). - *Carinthia II* 186/106:411-430.
- Kreutzweiser,D.P., Capell,S.S. 1996
Palatability of leaf material contaminated with *Bacillus thuringiensis* var.kurstaki, to *Hydatophylax argus*, a detritivorous aquatic insect. - *Bull.Environ.Contamin.Toxicol.* 56:80-84.
- Li Peng Hsu, Chin Seng Chen 1996
Five new species of polycentropodid caddisflies from Taiwan (Trichoptera: Polycentropodidae). - *Chinese J.Ent.* 16:117-124.
- Li Peng Hsu, Chin Seng Chen 1996
Eleven new species of caddisflies from Taiwan (Insecta: Trichoptera). - *Chinese J.Ent.* 16:125-135.
- Majecki,J., Majecka,K. 1996
Predation by *Oligotricha striata* caddis larvae on amphibian eggs: effects of a high quality food on growth rate. - *Neth.J.Aqu.Ecol.* 30:21-25.
- Malicky,H. 1996
Das Problem der allopatrischen Arten bei europäischen Köcherfliegen (Insecta: Trichoptera). - *Nat.Croat.* 5:11-23.
- Malicky,H. 1996
Für mehr Praxisnähe in der Taxonomie. - *Verh.14.Int.Symp.Entomofaun.Mitteleur.(SIEEC)* München:88-98.
- Malicky,H. 1996
Einige Köcherfliegen (Trichoptera) aus dem Bangser Ried-Gebiet, Vorarlberg. - *Vorarlberger Naturschau* 2:285-286.
- Malicky,H. 1996
Köcherfliegen von der Insel Brissago, Kanton Tessin (Trichoptera). - *Ent.Ber.Luzern* 36:77-94.
- Malicky,H. 1996
Beschreibung und Verbreitung von *Hydroptila brissaga* n.sp., einer neuen europäischen Hydroptilide (Trichoptera). - *Ent.Ber.Luzern* 36:101-104.
- Malicky,H., Chantaramongkol,P. 1996
Neue Köcherfliegen aus Thailand (Trichoptera). Arbeit Nr.19 über thailändische Köcherfliegen. - *Ent.Ber.Luzern* 36:119-128.
- Marchant,R., Jule,C.M. 1996
A method for estimating larval life spans of aseasonal aquatic insects from streams on Bougainville Island, Papua New Guinea. - *Freshwat.Biol.* 35:101-107.
- Marten,M., Hackbarth,W., Hoffmann,A. 1996
Die Köcherfliegen des oberen Donaueinzugsgebietes in Baden-Württemberg. - *Lauterbornia* 25:63-79.
- Meinel,W., Gronostay,J., Siegmund,I. 1996
Über die Wiederbesiedlung durch Wasserinsekten in der ehemals säuregeschädigten Nieste / Fulda (Hessen). - *Lauterbornia* 25:31-40.
- Mey,W. 1996
The distribution of *Apsilochorema Ulmer*, 1907 - biogeographic evidence for the Mesozoic accretion of a Gondwanian microcontinent to Laurasia (Trichoptera: Hydrobiosidae). - *Proc.20.Int.Congr.Ent.Firenze*:77.
- Mey,W. 1996
Die Arten der Gattung *Nothopsyche* in Vietnam und ihre biogeographische und phylogenetische Stellung (Trichoptera: Limnephilidae). - *Ent.Probl.* 27:99-109.
- Moretti,G.P. 1996
A new species of *Rhyacophila Pictet* 1834 from southern Italy (Insecta Trichoptera: Rhyacophilidae). - *Proc.20.Int.Congr.Ent.Firenze*:66
- Moretti,G.P., Cianficconi,F., Corallini,F.& C. 1996
Caddisflies in Italian springs. - *Crunoecia* 5:295-298.
- Moretti,G.P., Cianficconi,F., Salerno,P., Tucciarelli,F. 1996
La tricotterofauna dell'Umbria: Considerazioni ecologiche e zoogeografiche. - *Boll.Mus.civ.St.nat.Verona* 20:61-73.
- Nimmo,A.P. 1996
Bibliographia Trichopterorum. A world bibliography of Trichoptera (Insecta) with indexes. Vol.1, 1961-1970. - Pensoft Publ.(Sofia), 597 pp. ISBN 954-642-012-3.
- Nógrádi,S., Uherkovich,A. 1996
Trichoptera communities of the river Fekete-Körös in Hungary. - *A Janus Pann.Múz.Evkönyve* 40:45-52
- Novák,K. 1996
Veränderungen in der Zusammensetzung der Trichopteren-Fauna in Böhmen als Grundlage des Arten- und Biotopschutzes (Trichoptera). - *Verh.14.Int.Symp.Entomofaun.Mitteleur.(SIEEC)* München: 318-320.

- Novák, K. 1996
Fauna Trichoptera Šumavy. -
Sbor.Jihoces.Muz.Čes.Budějovicích, Přír.Vědy
36:51-61.
- Nozaki, T., Shimada, T. 1996
Culture of *Nothopsyche ruficollis* (Ulmer) as a laboratory test organism. - J.Environm.Lab.Ass. 21:91-95. (Japanese)
- Nozaki, T. 1996
The genus *Limnephilus* Leach (Trichoptera, Limnephilidae) in Japan. - Jap.J.Ent. 64:810-824.
- Patrick, B., Barratt, B., Dugdale, J., Roscoe, D., Ward, J. 1996
Rongahere Gorge. Invertebrate survey. - Rep.Dept.Conservation (Otago Conservancy):1-34.
- Peissner, T., Maier, K.-J., Malicky, H. 1996
Eine einfache Lichtfalle für den Fang von Köcherfliegen - Imagines (Trichoptera). - Lauterbornia 26:31-38.
- de Pietro, R. 1996
A new species of *Hydropsyche* of the pellucidula-group (Insecta, Trichoptera, Hydropsychidae). - Spixiana 19:187-193.
- de Pietro, R. 1996
Zonation of Hydropsychidae (Trichoptera) in the Simeto River (Sicily). - Proc.20.Int.Congr.Ent. Firenze:360.
- Pöpperl, R. 1996
The structure of a macroinvertebrate community in a northern German lake outlet (Lake Belau, Schleswig-Holstein) with special emphasis on abundance, biomass and secondary production. - Int.Rev.ges.Hydrobiol. 81:183-198.
- Rozhkova, N.A. 1996
A new endemic caddis fly (Trichoptera, Limnephilidae) from Lake Baikal. - Freshw.Biol. 35:647-648. (published 3 June 1996)
- Scheffter, P.W. 1996
Phylogenetic relationships among subfamily groups in the Hydropsychidae (Trichoptera) with diagnoses of the Smicrideinae, new status, and the Hydropsychinae. - J.N.Am.Benthol.Soc. 15:615-633.
- Schmidt-Brücken, R. 1996
Erstnachweis von *Hydroptila tigurina* (Trichoptera) für Deutschland. - Lauterbornia 26:85-86.
- Sipahiler, F. 1996
Four new Trichoptera species from northern Anatolia (Rhyacophilidae, Glossosomatidae, Sericostomatidae). - Opusc.zool.flumin. 149:1-9.
- Sipahiler, F. 1996
Studies on the Trichoptera fauna of southern Anatolia. - Entomofauna 17:293-309.
- Spinelli Batta, G., Corallini Sorcetti, C. 1996
Morphology of the stomodeum in larvae of some trichopteran families. - Proc.20.Int.Congr.Ent. Firenze:131.
- Tharn, J., Jansen, W., Rahmann, H. 1996
Bemerkenswerte Trichoptera aus dem Wurzacher Ried, Baden-Württemberg. - Lauterbornia 26:39, 54.
- Uherkovich, A., Nögrádi, S. 1996
A kisbalatoni vízvédelmi rendszer tegzes (Trichoptera) együttesinek kialakulása és jelenlegi állapota. - 2.Kis-Balaton Ankét: 329-339.
- Ujvarosi, L., Negru, G. 1996
Date asupra speciilor de trichoptere (Insecta: Trichoptera) și abundența lor relativă, în zona Vidra (Câmpia Română). - Bul.inf.Soc.lepid.rom. 7:139-144.
- Ventura, M., Harper, D. 1996
The impacts of acid precipitation mediated by geology and forestry upon upland stream invertebrate communities. - Arch.Hydrobiol. 138:161-173.
- Voelz, N.J., Ward, J.V. 1996
Microdistributions, food resources and feeding habits of filter-feeding Trichoptera in the Upper Colorado River. - Arch.Hydrobiol. 137:325-348.
- Voelz, N.J., Ward, J.V. 1996
Microdistributions of filter-feeding caddisflies (Insecta: Trichoptera) in a regulated Rocky Mountain river. - Can.J.Zool. 74:654-666.
- Vuori, K.-M. 1996
Acid-induced acute toxicity of aluminium to three species of filter feeding caddis larvae (Trichoptera, Arctopsychidae and Hydropsychidae). - Freshw.Biol. 35:179-188.
- Vuori, K.-M., Kukkonen, J. 1996
Metal concentrations in *Hydropsyche pellucidula* larvae (Trichoptera, Hydropsychidae) in relation to the anal papillae abnormalities and age of exuviae. - Wat.Res. 30:2265-2272.
- Ward, J.B., Henderson, I.M., Patrick, B.H., Norrie, P.H. 1996
Seasonality, sex ratios and arrival pattern of some New Zealand caddis (Trichoptera) to light-traps. - Aquat.Insects 18:157-174.
- Waringer, J. 1996
Trichopterologische Beiträge in der Zeitschrift "Aquatic Insects". Teil 1. - Lauterbornia 25:147-152.
- Wiberg-Larsen, P. 1996
Trichoptera from a light trap in central Funen, Denmark. - Natura Jutlandica 23:57-67.
- Wichard, W., Weitschat, W. 1996
Wasserinsekten im Bernstein. - Ent.Mitt. Löbbecke-Mus.Aquazoo, Beih.4:1-122 (Düsseldorf).
- Wieser, G., Friedl, T., Honsig-Erlenburg, W., Mildner, P., Schlamberger, J., Schulz, N., Troyer-Mildner, J. 1996
Die Gewässer des Lavanttales. - Naturw.Ver.Kärnten, Klagenfurt, 164pp.
- Wilkinson, D.M., Clapham, A.J. 1996
Subfossil Trichoptera larval cases from two British Holocene sites. - Ent.Gaz. 47:277-278.
- Wood, J.R., McElravy, E.P., Resh, V.H. 1996
Thermal-shock tolerance of three species of aquatic insects in a northern California, geothermally influenced stream. - Pan-Pacif.Ent. 72:227-234.
- Yang, L., Armitage, B.J. 1996
The genus *Goera* (Trichoptera: Goeridae) in China. - Proc.Ent.Soc.Wash. 98:551-569.
- Yule, C.M., Pearson, R.G. 1996
Aseasonality of benthic invertebrates in a tropical stream on Bougainville Island, Papua New Guinea. - Arch.Hydrobiol. 137:95-117.
- Zamora-Muñoz, C., Svensson, B.W. 1996
Survival of caddis larvae in relation to their case material in a group of temporary and permanent pools. - Freshw.Biol. 36:23-31.
- Zamora-Muñoz, C., Alba-Tercedor, J. 1996
Bioassessment of organically polluted Spanish rivers, using a biotic index and multivariate methods. - J.N.Am.Benthol.Soc. 15:332-352.
- Zasypkina, I.A., Ryabukhin, A.S., Makarchenko, E.A., Makarchenko, M.A. 1996
Review of amphibiotic insects of North-East Asia. - Preprint, Magadan: NESC FAB RAS, 116 pp. (Russian) (see Braueria 24:6).

- Zhang, Y.-P. 1996
Life history of *Hydatophylax intermedius* (Trichoptera, Limnephilidae) in Hokkaido, Northern Japan. - *Aquat.Insects* 18:223-231.
- 1997
Cartwright, D. 1997
Preliminary guide to the identification of late instar larvae of Australian Economiidae, Philopotamidae and Tasimiidae (Insecta: Trichoptera). - Co-op.Res.Centre Freshw.Ecol., Ident.Guide 10:1-33 (Albury).
- Céréghino, R., Boutet, T., Lavandier, P. 1997
Abundance, biomass, life history and growth of six Trichoptera species under natural and hydro-peaking conditions with hypolimnetic releases in a Pyrenean stream. - *Arch.Hydrobiol.* 138:307-328.
- Cianficconi, F., Moretti, G.P., Spezzale, A. 1997
Phoresy in an adult trichopteran. - *Braueria* 24:18.
- Crichton, M.I. 1997
Caddis larvae as a pest of watercress. - *Braueria* 24:9-10.
- Czachorowski, S. 1997
The first checklist of Belarusian Trichoptera. - *Braueria* 24:11-12.
- Dean, J. 1997
Larvae of the Australian Hydrobiosidae (Insecta: Trichoptera). - Co-op.Res.Centre Freshw.Ecol., Ident.Guide 11:1-53 (Albury).
- Englund, G.; Malmqvist, B., Yixin, Z. 1997
Using predictive models to estimate effects of flow regulation on net-spinning caddis larvae in North Swedish rivers. - *Freshw.Biol.* 37:687-697.
- Graf, W. 1997
Ein Beitrag zur Köcher- und Steinfliegenfauna Kärntens (Insecta: Trichoptera, Plecoptera): Das Oswaldbachsystem (Nockberge, Kärnten). - Diss.Univ.Wien, 251 pp.
- Harding, J.S. 1997
Feeding ecology of *Aoteapsyche raruraru* (McFarlane) (Trichoptera: Hydropsychidae) in a New Zealand lake outlet. - *Aquat.Insects* 19:51-63.
- Hoffmann, A. 1997
Autökologische Untersuchungen zur zeitlichen und räumlichen Einnischung von *Lasiocephala basalis* (Kol.) (Trichoptera, Lepidostomatidae), einer Fließwasserköcherfliege. - Diss.Univ.Marburg, 363 pp.
- Ito, T., Utsunomiya, Y., Kuhara, N. 1997
Morphological and geographical notes on the genus *Palaeagapetus* in the Asian Far East, with descriptions of two new species (Trichoptera, Hydropsytilidae). - *Jap.J.Ent.* 65:97-107.
- Ivol, J.-M., Guinand, B., Richoux, P., Tachet, H. 1997
Longitudinal changes in Trichoptera and Coleoptera assemblages and environmental conditions in the Loire River (France). - *Arch.Hydrobiol.* 138:525-557.
- Johanson, K.A. 1997
Description of *Helicopsyche giboni* sp.n. from Madagascar (Trichoptera: Helicopsychidae). - *Braueria* 24:5-6.
- Kocharina, S.L. 1997
The allometric larval growth of some species of rheophilous caddisflies (Trichoptera) in Kedrovaya River (Russian Far East). - *Far Eastern Ent.* 39:1-8.
- Kumanski, K., Malicky, H. 1997
Beschreibung einer neuen Micropterna (Trichoptera: Limnephilidae) aus Kleinasien. - *Braueria* 24:18.
- Lera, P.A.(ed.) 1997
(Key to the insects of Russian Far East, vol.5: Trichoptera and Lepidoptera, part 1). Vladivostok: Dal'nauka. ISBN 5-7442-0986-7. (Trichoptera pp.10-206; authors:T.I.Arefina, T.Ito, V.D.Ivanov, I.M.Levanova, J.Morse, A.Nimmo, T.S.Vshivkova, L.Yang; Russian)
- Malicky, H. 1997
Eine neue Arctopsychide aus Thailand (21.Arbeit über thailändische Köcherfliegen). - *Braueria* 24:17.
- Malicky, H. 1997
Beschreibung von vier neuen Mesophylax-Arten (Trichoptera: Limnephilidae). - *Braueria* 24:34-35.
- Malicky, H., Dia, A. 1997
Neue Köcherfliegen aus dem Libanon (Trichoptera: Limnephilidae, Phryganeidae). - *Ent.Z.(Essen)* 107:60-63.
- Malicky, H., Reisinger, W. 1997
Lichtfallenfang von Köcherfliegen (Trichoptera) an der Gmundner Traun (Oberösterreich). - *Z.Arbgem.Öst.Ent.* 49:9-20.
- Mey, W. 1997
A second species of *Apatidelia* Mosely from China (Trichoptera, Apataniidae). - *Aquat.Insects* 19:14.
- Moretti, G.P. 1997
A new species of *Rhyacophila* (Trichoptera: Rhyacophilidae) from Calabria, southern Italy. - *Braueria* 24:4.
- Morse, J.C. 1997
Phylogeny of Trichoptera. - *Ann.Rev.Ent.* 42:427-450.
- Nógrádi, S. 1997
How to distinguish the females of the three European *Mystacides* species. - *Braueria* 24:18.
- Panzenböck, M., Waringer, J. 1997
A key to fifth instar larvae of *Halesus radiatus* Curtis 1834, *Halesus digitatus* Schrank 1781 and *Halesus tesselatus* Rambur 1842 (Trichoptera: Limnephilidae), based on Austrian material. - *Aquatic Insects* 19:65-73.
- Patrick, B.H. 1997
Insects of Macraes ecological district. - *Otago Conservancy Misc.Ser.* 30:1-44.
- Savage, A.A., Beaumont, D.L. 1997
A comparison of the benthic macroinvertebrate communities of a lowland lake, Oak Mere, in 1980 and 1994. - *Arch.Hydrobiol.* 139:197-206.
- Schmid, F. 1997
Le genre *Psychomyia* en Inde (Trichoptera, Psychomyiidae). - *Fabreries* 22:1-56.
- Sipahiler, F. 1997
New species of caddisflies from Turkey (Trichoptera: Rhyacophilidae, Hydroptilidae, Beraeidae). - *Braueria* 24:15-17.
- Tappenbeck, L. 1997
Die Entwicklung der aquatischen Lebensgemeinschaft in der Bode nach industrieller und natürlicher Aufsalzung im Bereich der Ortschaft Staßfurt 1992-1995 im Landkreis Aschersleben-Staßfurt, Sachsen-Anhalt (Deutschland). - *Limnologica* 27:129-142.
- Tockner, K., Waringer, J.A. 1997
Measuring drift during a receding flood: Results from an Austrian mountain brook (Ritrodat-Lunz). - *Int.Rev.ges.Hydrobiol.* 82:1-13.
- Uherkovich, A., Nógrádi, S. 1997
Platyphylax frauenfeldi Brauer, 1857 (Trichoptera, Limnephilidae) in Hungary. - *Braueria* 24:13-14.

Ujvárosi,L., Nográdi,S., Uherkovich,A. 1997
Studies on the Trichoptera fauna of the Ciuc Basin
and Harghita Mountains, Romania. -
Fol.Hist.Nat.Mus.Matraensis 20:99-113.

Vieira-Lanero,R., González,M.A., Cobo,F. 1997
The larva of *Adicella meridionalis* Morton, 1906
(Trichoptera, Leptoceridae). - Aquatic Insects 19:123-128.

Waringer,J., Graf,W. 1997
Atlas der österreichischen Köcherfliegenlarven unter
Einschluß der angrenzenden Gebiete. - Facultas
Universitätsverlag, Wien, 286 pp. ISBN
3-85076-411-7.

Yang,L., Kelley,R.W., Morse,J.C. 1997
Six new species of *Oxyethira* from southern China.
- Aquatic Insects 19:91-105.

Zamora-Muñoz,C., Picazo,J., Alba-Tercedor,J. 1997
New findings on the larval pattern variability in
Rhyacophila meridionalis Pictet, 1865 (Trichoptera:
Rhyacophilidae). - Aquat.Insects 19:1-8.

BRAUERIA (Lunz am See, Austria) 24:34-35

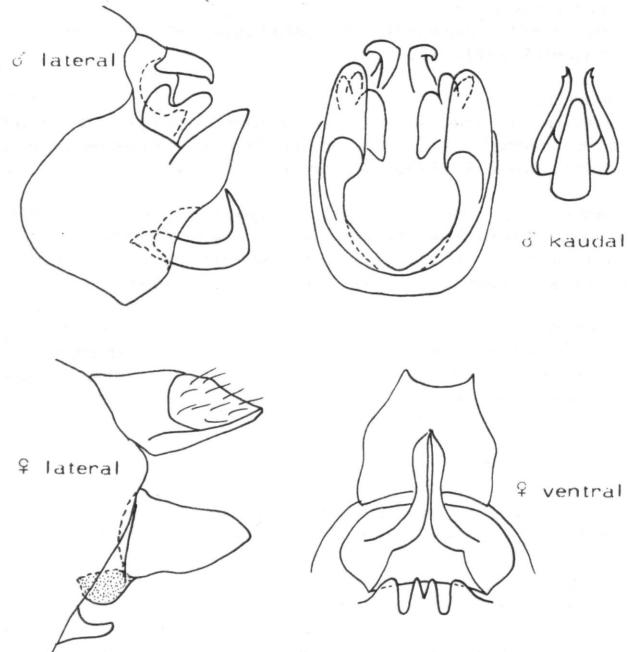
**BESCHREIBUNG VON VIER NEUEN MESOPHYLAX - ARTEN
(TRICHOPTERA: LIMNEPHILIDAE)**

Hans MALICKY

Aus einer Revision der Gattung *Mesophylax* McLachlan 1882, die demnächst abgeschlossen wird, ziehe ich die formale Beschreibung von vier neuen Arten vor. Eine ausführliche Diskussion und eine Begründung, warum ich diese vier für gute Arten halte, wird in der Revision erfolgen.

***Mesophylax morettii* n.sp.**

Die Exemplare von *M.morettii* n.sp. sind im Durchschnitt deutlich größer ($\delta\delta$ 15-19mm, $\varphi\varphi$ 17-18mm) als die des sympatrischen *M.sardous* Moretti ($\delta\delta$ 13-16mm, $\varphi\varphi$ 16-17mm), sind aber im Habitus und in der Färbung kaum unterscheidbar. Die Spornformel beträgt bei *M.morettii* beim δ 034, beim φ 134; bei *M.sardous* beim δ 022, beim φ 122; sie ist konstant, und ich habe kein einziges abweichendes Exemplar gesehen. - δ Kopulationsarmaturen (siehe die Abbildungen) in den meisten Merkmalen wie bei *M.sardous* und *M.aspersus*, aber die unteren Anhänge enden in Kaudalansicht breit abgerundet und haben eventuell (aber nicht immer) einen sehr kleinen Zahn an der Innenkante. Die mittleren



Anhänge sind auffallend groß. Die φ Kopulationsarmaturen sind charakterisiert durch extrem kurze laterale Schultern der Supragenitalplatte und deren extrem langen Mittelkamm. Der Dorsaltubus ist wie bei *M.aspersus*, d.h. in Dorsoventralansicht distal mehr oder weniger gerade abgeschnitten oder konkav; bei *M.sardous* ist er spitz. Der Mittelkamm ist bei *M.sardous* auch sehr lang, bei *M.aspersus* ziemlich kurz. Holotypus δ und Allotypus φ : Sardinien, Domusde Maria, 23.5.1981, leg.& coll.m. Paratypen von mehreren Orten auf Sardinien, die ich in der Revision aufzählen werde, und von Korsika (Corte).

Diese schöne und leicht kenntliche Art widme ich dem Andenken meines lieben Freundes Giampaolo Moretti.

***Mesophylax skalskii* n.sp.**

Habitus wie *M.aspersus*, graubraun mit hellen Sprenkeln. Vorderflügellänge δ 17mm, Spornformel 022. Kopulationsarmaturen ebenfalls ähnlich wie bei *M.aspersus*, und das 9. Segment in Lateralansicht halbkreisförmig wie bei *M.pamirensis*. Die oberen Anhänge sind aber wie bei *aspersus*; die mittleren Anhänge sind relativ schlank und gerade. Die unteren Anhänge sind in ihrem freien Distalteil schräg abgestutzt; an deren ventralen Ende



Photographs from the 8th Trichoptera Symposium,
Rustic, Colorado, 30 July 1995: Nations, de Moor,
Blahnik, G.Ward, C.Flint, J.Ward, Holzenthal, Ivanov,
Muñoz, O.S.Flint, Malicky, Gullefors.



Photographs from the 8th Trichoptera Symposium,
Minneapolis, July 1995: Weaver.

ZOBODAT - www.zobodat.at

Zoologisch-Botanische Datenbank/Zoological-Botanical Database

Digitale Literatur/Digital Literature

Zeitschrift/Journal: [Braueria](#)

Jahr/Year: 1997

Band/Volume: [24](#)

Autor(en)/Author(s): Malicky Hans

Artikel/Article: [Trichopterological Literature 23-34](#)