

PROGRAM

7th International Symposium on Trichoptera
Umeå, Sweden, 3-8 August 1992

Sunday, 2 August

- 16:00 Registration desk opens/Poster set-up
18:00 Get together pub "The Lamprey" at the Dept. of Animal Ecology, University Campus
20:00 Registration desk closes
21:00 Pub closes

Monday, 3 August

- 08:00 Registration desk opens/Poster set-up
09:00 Welcome address by the chancellor (Rector Magnificus Lars Beckman)
09:10 Opening of the Symposium (Christian Otto)

Ecology - applied aspects

Chairperson: Christian Otto

- 09:20 V. Resh, University of California, USA. "Recent trends in the use of Trichoptera in water quality monitoring."
09:40 L. Solem and E. Gaare, University of Trondheim, Norway. "Radio-caesium in caddisflies and some other invertebrates from Dovrefjell, Norway, 1986-1989, after the Chernobyl fall-out."
10:00 P.F.M. Verdonchot and L.W.G. Hiesler, Institute for Forestry and Nature Research, The Netherlands. "Optima and tolerances of Trichoptera larvae for key factors in Dutch inland waters."
10:20 Coffee
10:45 The photographer is waiting outdoors
11:00 E. Sedláč, Masaryk University, Czechoslovakia. "Influence of the Dalesice waterworks on Trichoptera in the Jihlava River."
11:20 G.P. Moretti, E. Cianficconi and C. Corallini, University of Perugia, Italy. "Fluctuation of Trichoptera populations in lake Trasimeno - Italy."
11:40 A. Uherkovich and S. Nográdi, Janus Pannonius Museum, Hungary. "Computerized processing of data of the Hungarian Trichoptera fauna and some possibilities of this method."
12:00 Lunch break

Ecology - life history

Chairperson: Norman Anderson

- 14:00 G.M. Gislason, University of Iceland, Iceland. "The life cycle of *Limnephilus griseus* (L.) (Trichoptera: Limnephilidae) in temporary rock pools in northern England."
14:20 K. Kuusela and T. Muotka, University of Oulu, Finland. "Life cycles and production of *Neureclipsis bimaculata* L. and *Polycentropus flavomaculatus* Pict. (Polycentropodidae) in a lake outlet in northern Finland."
14:40 T. Muotka and A. Juntunen, University of Jyväskylä, Finland. "Life history patterns of predaceous caddisfly larvae in northern Finland: Adaptive flexibility in an extreme environment?"
15:00 Coffee
15:30 T. Sherk, University of Washington, USA. "Emergence of *Halesochila taylori* (Trichoptera: Limnephilidae) from Findley Lake in the coniferous forest of the Cascade Mountains, U.S.A."
15:50 K. Tanida and Y. Takemon, University of Osaka Prefecture, Japan. "Trichoptera emergence from streams in Kyoto, central Japan."
16:10 P. Wiberg-Larsen, Environmental Protection Department, Denmark. "Notes on the biology of *Holocentropus insignis* (Trichoptera, Polycentropodidae) inhabiting a Danish acid pool."

18:30 Banquet at Silvargården

Tuesday, 4 August

Taxonomy and Systematics

Chairperson: John Morse

- 09:00 G. Spinelli Batta and G.P. Moretti, University of Perugia, Italy. "Are the pupal exuviae of Trichoptera useful for taxonomic diagnosis?"
09:20 Y.E. Chen and J.C. Morse, Clemson University, U.S.A. "Systematic outline of *Oecetis* (Trichoptera: Leptoceridae)."
09:40 W.K. Gall and G.B. Wiggins, Buffalo Museum of Science, U.S.A. "Phylogenetic studies in the Limnephiloidea (Trichoptera)."
10:00 S.C. Harris and Q.S. Flint Jr., Smithsonian Institution, U.S.A. "Studies of neotropical caddisflies, XLVIII: the larva of *Celaenotrichia edwardsi*, with an assessment of the genus (Trichoptera: Hydroptilidae)."
10:20 Coffee
10:50 S.C. Harris and R.W. Holzenthal, University of Minnesota, U.S.A. "An assessment of the genus *Riopila*, with the description of new species from Costa Rica and Mexico (Trichoptera: Hydroptilidae)."
11:10 W. Mey, Museum für Naturkunde, Germany. "Phylogeny of the genera of the subfamily Apatiniinae Ulmer (Trichoptera: Limnephilidae)."
11:30 A. Neboiss, Museum of Victoria, Australia. "Division of *Nyctiophylax* Brauer (Trich.: Polycentropodidae) in two genera."
12:00 Lunch break

Taxonomy and Systematics (ctd)

Chairperson: Oliver S. Flint, Jr.

- 14:00 J.S. Weaver, III, University of New Hampshire, U.S.A. "A new subfamily of Lepidostomatidae with considerations on the historic composition of the family."
14:20 M.C. Bicchieri and G.P. Moretti, University of Perugia, Italy. "Urosternal structures in females of the genus *Philopotamus* (Trichoptera: Philopotamidae)."
14:40 G. Spinelli Batta and G.P. Moretti, University of Perugia, Italy. "Morphology, ecology and dietary regime of *Tinodes antonioi* Bot. Tat. Trichoptera: Psychomyiidae)."
15:00 Coffee
15:30 Poster presentations. Authors attend their presentation board.
16:30 Poster session closes

18:30 The Lamprey pub opens

Wednesday, 5 August

- Excursion to the boreal inland along the unregulated river Vindelälven. See separate information.
08:30 Bus departure from the Residence Hall.
22:00 approx. Return to Umeå.

Thursday, 6 August

Ecology - behaviour

Chairperson: Dudley Williams

- 09:00 J.M. Fay, University of Essen, Germany. "Web and capture-net spinning activities of *Hydropsyche pellucidula* Curt. and *Hydropsyche conturbabilis* McL. (Insecta: Trichoptera) under artificial conditions."
09:20 J.M. Fey and R. Rudolph, University of Münster, Germany. "Ethology of larva and pupa of *Hydropsyche* species (Trichoptera: Hydropsychidae)."
09:40 B. Gullefors, Uppsala University, Sweden. "Flight muscle ratios (FMR) in relation to pair formation behaviour in swarming leptocecid and hydropsychid caddisflies (Trichoptera: Leptoceridae and Hydropsychidae)."
10:00 A. Hoffmann, Philipps-University of Marburg, Germany. "Some aspects of pupal and imaginal ecology of *Lasiocephala basalis* (Trichoptera: Lepidostomatidae)."
10:20 Coffee
10:50 A. Johansson, University of Umeå, Sweden. "Dytiscus latissimus and D. circumcinctus (Coleoptera, Dytiscidae) larvae as predators on three case-making caddis larvae."
11:10 S. Kocharina, Academy of Sciences, USSR. "The larval retreats and food of three species net-spinning caddis flies in a river of premontain type (Soviet far East, South Primorye)."
11:30 C. Otto, University of Umeå, Sweden. "Submersed water lily leaves as feeding patches for limnephilid caddis larvae in a North Swedish stream."
12:00 Lunch break

Ecology - behaviour (ctd)

Chairperson: Glenn Wiggins

- 14:00 E. Bergey and V. Resh, University of California, USA. "Factors affecting the algal content of *Gumaga nigricula* (Trichoptera: Sericostomatidae) cases."
14:20 V.D. Ivanov and R. Rupprecht, State St. Petersburg University, USSR. "Vibrational signals in the behaviour of adult caddisflies (Trichoptera)."

Morphology

- 14:40 E. Cianficconi, M.C. Bicchieri and G.P. Moretti, University of Perugia, Italy. "The silk weave of the trichopteran larval shelters. Morphology and ultrastructure of silk glands."
15:00 Coffee
15:30 M.A. Floyd, Clemson University, USA. "Larvae of eastern North American species of *Oecetis* (Trichoptera: Leptoceridae)."
15:50 G. Spinelli Batta, C. Corallini Sorcetti and G.P. Moretti, University of Perugia, Italy. "The 'gastric mills' in Italian *Hydropsychidae* larvae."
16:10 C. Tomaszewski, University of Lodz, Poland. "The homological relations in the musculature of the protuberances of the first abdominal segment i caddis larvae (Trichoptera) - II."
16:30 W. Wichard and R. Rudolph, University of Münster, Germany. "Structure and function of pupal cocoons in Trichoptera." - Film (7 min)
18:30 The Lamprey pub opens

Friday, 7 August

Zoogeography

Chairperson: Vincent Resh

- 09:00 H. Malicky, Biological Station Lunz, Austria. "The vertical distribution of caddisflies in Thailand: First impressions."
09:20 F.C. de Moor, Albany Museum, South Africa. "Factors influencing the distribution pattern of Trichoptera in South Africa."
09:40 H. Malicky, Biological Station Lunz, Austria. "Preliminary considerations on size and shape of areas of caddisfly species in SE Asia."
10:00 J.C. Morse, L. Tian and L. Yang, Clemson University, USA. "The Chinese *Glossosomatidae* (Trichoptera)."
10:20 Coffee
10:50 F. Sipahiler, Hacettepe University, Turkey. "Faunistic studies on the Trichoptera fauna of Turkey."
11:10 T.S. Vshikova, Academy of Sciences, USSR. "Trichoptera fauna of Sakhalin Island."
11:30 J.P. O'Connor, B. Wallace and J.D. Wallace, National Museums and Galleries on Merseyside, England. "The caddis-flies of the Isle of Man."
12:00 Lunch break

Zoogeography (ctd)

Chairperson: John Solem

- 14:00 L. Yang and J.C. Morse, Nanjing Agricultural University, People's Republic of China. "A review of Chinese *Leptoceridae* (Trichoptera)."

Ecology - habitat adaptations

- 14:20 N.H. Anderson, Oregon State University, U.S.A. "The Trichoptera fauna of temporary headwater streams in western Oregon, U.S.A."
14:40 P. Bagge, University of Jyväskylä, Finland. "Habitat preference and composition of the functional feeding groups of Trichoptera in lake Saimaa (eastern Finland)."
15:00 Coffee
15:30 D.G. Cobb, J.F. Flannagan, D.M. Rosenberg and A.P. Wiens, Freshwater Institute, Canada. "Emergence of Trichoptera from streams, lakes and a bog in the experimental lakes area, northwestern Ontario, Canada."
15:50 G. Englund, University of Umeå, Sweden. "Habitat selection in *Hydropsyche* siltalai larvae."
16:10 L. Joensuu and K.-M. Vuori, University of Jyväskylä, Finland. "The microhabitat selection of *Hydropsyche* siltalai and *H. conturbabilis* larvae."

18:30 The Lamprey pub opens

Saturday, 8 August

Ecology - habitat adaptations (ctd)

Chairperson: Hans Malicky

- 09:00 C. Roux, H. Tachez and B. Guinand, University of Claude Bernard, France. "Is *Hydropsyche exocellata* Dufour 1841 (Trichoptera, Hydropsychidae) a potamic species?"
09:20 P. Usseglio-Polatera, University of Claude Bernard, France. "Graphical expression of the ecological significance of a faunistic assemblage and its application to the study of the Rhone river Trichoptera at Lyons (France)."
09:40 C. Corallini Sorcetti and P. Pulcinelli, University of Perugia, Italy. "Parasites, epibionts and dietary regime of some trichopteran larvae from South Africa."
10:00 K.-M. Vuori, University of Jyväskylä, Finland. "Accumulation of metals in lotic caddis larvae with different feeding habits."
10:20 Coffee
10:50 R. Wagner, Limnologische Flussstation des Max-Planck-Instituts für Limnologie, Germany. "Spatial and temporal patterns in caddisfly (Trichoptera) distributions along the Breitenbach (Germany) 1983-1991."
11:10 D.D. Williams, G.L. Cromar and N.E. Williams, University of Toronto, Canada. "Structure of the trichopteran assemblage in a Welsh mountain stream: Can temporal/spatial separations in food partitioning account for high diversity?"
11:30 K. Müller, University of Umeå, Sweden. "Distribution of caddisflies in the brackish Bothnian Sea."
11:50 R. Holzenthal, University of Minnesota, USA. Next Symposium 1995.

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Zoologisch-Botanische Datenbank/Zoological-Botanical Database

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