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THIRD INTERNATIONAL SYMPOSIUM ON TRICHOPTERA

The 3rd International Symposium on Trichoptera was held at the Zoological Institute of the University of Perugia, Italy, 28 July - 2 August 1980. About 60 scientists, with about 40 members of their families, from 20 countries attended. The symposium was organized by Prof.Giampaolo Moretti, the head of the Institute, and his fellow workers. Papers and poster demonstrations were given in the rooms of the Institute. The opening session was held in a large lecture theatre in the same modern building in the centre of the romantic medieval city. Members received a number of invitations: to aperitifs offered by the Zoological Institute; to a reception by the Town Council of Perugia, given in the Rocca Paolina, part of the medieval centre of the town; to a dinner offered by the Organizing Committee in the ground floor of the Institute, where a large Roman mosaic had been incorporated into the building; and to a dinner by the Town Council of Norcia. On the afternoon of 30 July an excursion was made to the Hydrobiological Institute at Monte del Lago, on Lake Trasimeno where Giambattista GRASSI had worked, and where we were able to find the larvae of Hydroptila aegyptia. On 1 August busses took us through the Umbrian and Marche Appennines; we collected specimens at three sites near Visso (including the karst spring of the River Nera, with Catagapetus nigrans) and in the "Marcite" (= irrigated meadows near Norcia, where there were plenty of Sericostoma italicum, the symbol of the symposium). There was also opportunity to visit museums and historic buildings in the city.
At the final session, the invitation from John Morse to hold the 4th Symposium at Clemson, South Carolina (USA), in June 1983, was accepted.
The Perugia meeting was splendidly organized. The participants were impressed by the generous and cordial Italian hospitality, and by the hard work of Professor Moretti and his staff which made it such a success. We all enjoyed it, and I am sure that the children other than mine will remember the finest holiday of their lives. While the children were mainly impressed by the food at the dinners, the scientists were impressed by the amount of trichopterological work done in Perugia by our hosts. The new and important results which were presented at this symposium underline the importance of our meetings which are now a well established tradition. Many thanks again to our Italian friends !

PAPERS PRESENTED AT THE SYMPOSIUM:

R.M.BADCOCK (GB): Pigments and preservation in caddis larvae. - G.P.MORETTI & M.C.BICCIERAI (I): Comparative SEM and TEM study on the androconial structures of Lasiocephala basalis Kol. and other Trichoptera. - L.BOTOSANEANU: Hordo Trichoptera & Homo insapiens. - J.BUENO SORIA, R.PADILLA & S.RIVERA (MEX): Observations on the longitudinal distribution of Trichoptera larvae in one stream from Zempoala, Mexico. - Steven P.CANTON & J.WARD (USA): Emergence of Trichoptera from Trout Creek, Colorado, USA. - G.P.MORETTI & C.CORALLINI (I): Gregarines in Trichoptera larvae. - M.I.CRICHTON & D.B.FISHER (GB): Further observations on limnephilid life histories based on the

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Rothamsted Insect Survey. - C.DENIS (F): Action de la photopériode sur la maturation génitale des femelles de quelques Limnéphilidés. - G.P.MORETTI & M.V.DI GIOVANNI (I): The Trichoptera component in the "hydrophyton" of Lake Chiusi (Tuscany, Italy). - J.F.FLANNAGAN & G.COBB (CDN): Changes in the offshore Trichoptera of Lake Winnipeg 1928-32 to 1969. - O.S.FLINT, jr. (USA): Studies on the Neotropical caddisflies, XXVII: Anomalopsychidae, a new family of Trichoptera. - D.G.DE JALON (E): Hydropsyche larvae from the Iberian Peninsula. - G.P.MORETTI, C.CORALLINI & P.GATTAPONI (I): Trichoptera in the gut contents of certain fishes. - G.P.MORETTI, F.S.GIANOTTI, M.I.TATICCHI & A.VIGANO+ (I): Trichoptera of the Island of Elba. - G.M.GISLASON (IS): Predatory exclusion of Apatania zonella (Zett.) by Potamophylax cingulatus (Steph.). - G.M.GISLASON (IS): Distribution and habitat preferences of Icelandic Trichoptera. - L.BOTOSANEANU & J.GIUDICELLI (NL,F): Observations morphologiques, ethologiques et ecologiques sur Hydroptila hirra Mosely. - L.W.G.HIGLER & A.P.NIMMO (NL-CDN): Continuation of Trichopterorum Catalogus. - J.D.HARRISON & R.M.BADCOCK (GB): Effects of acclimation to temperature on the respiratory rate of some limnephilid larvae.- B.HIGLER (NL): Caddis larvae in a Dutch Lowland stream. - MEARELLI (I): on Rhyacophila sp. - K.KUMANSKI (BG): A revised check-list of the Bulgarian caddisflies, with remarks on its definisation. - L.BOTOSANEANU & W.WICHARD (NL-D): Trichoptera from the Baltic Amber (poster). - Y.BOUVET (F): Trichoptères du groupe de Stenophylax (poster). - C.DENIS (F): Modifications de la morphologie larvaire de Sericostoma galeatum au cours du développement (poster). - C.SIEGENTHALER (CH): Trichoptères de la Suisse Romande (poster). - G.MARLIER (B): Observations morphologiques sur le labre des larves de certains Leptoceridae (poster). - G.P.MORETTI & M.C.BICCHIERAI (I): Further ultrastructural observations on the Trichoptera androconia (poster).- G.P.MORETTI, F.CIANFICCONI, F.FEDERICI & G.F.TROVARELLI (I): Total lipid content and fatty acid composition of larvae of Hydropsyche dissimulata and H.pellucidula grown under different nutritional conditions (poster). - S.D.SMITH (USA): Larvae of Rhyacophila (poster). - H.TACHET & M.BOURNAUD (F): Taxonomie et repartition des Hydropsychidae dans le Rhône entre Lyon et Genève (poster). - H.MALICKY (A): The phenology of dispersal of several caddisfly species in the Island of Crete. - E.P.McELRAVY, V.H.RESH, H.WOLDA & O.S.FLINT, jr.(USA): Diversity, seasonality, and annual variability of caddisflies from a "non-seasonal" tropical environment. - G.P.MORETTI (I): New Italian species and subspecies of Trichoptera. - G.P.MORETTI & F.CIANFICCONI (I): Provisional catalogue of Italian Trichoptera and observations on their distribution. - J.C.MORSE (USA): A phylogany and classification of family-group taxa of Leptoceridae. - A.NEBOISS (AUS): Distribution of Trichoptera families in Australia and composition of fauna in the South-West. - A.NIELSEN (DK): On the evolution of the phallus and other male terminalia in the Hydropsychidae. With a proposal for the new generic name. - C.OTTO & B.S.SVENSSON (S): Why do Potamophylax cingulatus larvae aggregate at pupation? - G.P.MORETTI & Q.PIRISINU (I): Morphological characteristics of the immature stages of Leptodrusus budtzi. - N.PRAT (E): The influence of reservoir discharge on the life cycle of Psychomyia pusilla in Catalonia (Spain). - M.A.PUIG, I.BAUTISTA, M.I.TORT & N.PRAT (E): Les larves de Trichoptères de la rivière Llobregat (Catalogne, Espagne). Distribution longitudinale et relation avec

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la qualité de l'eau. - V.H.RESH (USA): Response of Gumaga nigricula to environmental disruptions. - C.SIEGENTHALER (CH): Trichoptera of Western Switzerland. - J.O.SOLEM (N): Overwintering strategies in some Norwegian caddisflies. - G.P.MORETTI & G.SPINELLI (I): Taxonomic morphology of the Sericostoma italicum larva. - J.A.STANFORD & J.W.WARD (USA): The effect of multiple impoundments on the distribution of Trichoptera in the Gunnison River, USA. - B.STATZNER (D): A progress report on Hydropsychidae from the Ivory Coast: Characters for the specific identification of larvae and population dynamics of four species. - J.SYKORA (USA): Hydropsyche separata Banks and its distribution in North America. - H.TACHET & M.BOURNAUD (F): Cycles biologiques des Hydropsychidae et d'un Polycentropodidae du Rhône. - C.TOMASZEWSKI (PL): The principles of case building behaviour in Trichoptera. - J.V.WARD (USA): Abundance and altitudinal distribution of Trichoptera in a Rocky Mountain stream. - J.S.WEAVER III & J.L.SYKORA (USA): Larval behaviour and dispersion of Pycnopsyche luculenta Betten demonstrated by a unique tagging method. - N.E.WILLIAMS & G.B.WIGGINS (CDN): A proposed setal nomenclature for larval Trichoptera. - G.B.WIGGINS (CDN): Considerations on the relevance of immature stages to the systematics of Trichoptera. - D.D.WILLIAMS & N.E.WILLIAMS (CDN): Some aspects of the life history and ecology of Dolophilodes distinctus Walker in two Ontario streams. - B.WILKINSON (GB): Quaternary sub-fossil Trichoptera larvae from a site in the English Lake District. - H.ZINTL (D): Constructive thought about a theory on the change in the building style in the larvae of Potamophylax latipennis. - G.P.MORETTI & ELIO AISA (I): A report on gregarines of Trichoptera in the intestines of Salmo fario fish.

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LIST OF RESEARCH WORKERS ON TRICHOPTERA (contd.from No.7)

Stephen BERTÉ PhD student

Department of Biology, University of Calgary, Calgary, Alberta, Canada T2N 1N4.

Present interests: Nemotaulius hostilis, Glyphopsyche irrorata, Limnephilus externus, Anabolia bimaculata. Life histories and oviposition in Trichoptera. Investigation area: NW North America.

Information wanted: Oviposition behavior, fecundity, egg mass structure of Trichoptera.

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David A.BRAATZ Aquatic Biologist

Duke Environmental Labs., Route 4, Box 531, Huntersville NC 28078, USA.

Present interests: General - Trichoptera; effects of temperature on development periods and secondary production. Investigation area: Southeastern US (North & South Carolina).

Material wanted: Reference specimens (exchange).

Information wanted: Upper and lower thermal tolerance (lethal and growth-inhibiting) for any species; degree-day data.

ZOBODAT - www.zobodat.at

Zoologisch-Botanische Datenbank/Zoological-Botanical Database

Digitale Literatur/Digital Literature

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