

## The 12<sup>th</sup> International Symposium on Trichoptera, Mexico, 18 to 22 June 2006

The symposium was held in the rooms of the Jardín Botánico, Instituto de Biología of the Universidad Nacional Autónoma de México in Mexico City, and was organised by Joaquín Bueno-Soria and his helpers. Participants had their rooms in Radisson Hotel, and were transported to and from the University by bus. After the end of the symposium was a four-day excursion to the surroundings of the town of Córdoba and to the Estación de Biología Tropical "Los Tuxtlas", both in the state of Veracruz.

### Lectures presented:

M.L. CHAMORRO-LACAYO: Revision of Neotropical *Polyplectropus* and phylogenetic analysis of Polycentropodidae.  
 P.K. MENDEZ & V.H. RESH: Life history of *Neophylax rickeri* in coastal California streams.  
 X.ZHOU: Associate larvae and adults of Chinese Hydropsychidae using DNA sequences.  
 S.SILALOM & P.CHANTARAMONGKOL: Development of a rapid biological assessment protocol for water quality using Trichoptera larvae in the upper sub-watershed of the Ping River as applied to tropical lotic ecosystems.  
 M. FRIEDLANDER: Trichopteran spermiogenesis by-passes Nebenkern assembly, as spermatid mitochondria fuse directly into the flagella mitochondrial derivatives.  
 J.M. HUR & J.C. MORSE: Phylogeny of the species of *Triaenodes*.  
 G. KIMURA: Comparison of abundance and caddisfly species composition between different trophic status of lakes.  
 F. CIANFICCONI, C. CORALLINI & F. TUCCIARELLI: Trichoptera endemic to Italy.  
 A. NUNTAKWANG & P. CHANTARAMONGKOL: Biodiversity of Trichoptera from mountain streams of northern Thailand and their connection to biogeographic tracks.  
 C. CORALLINI & M.C. BICCHIERAI: Symbionts of *Allogamus antennatus* larvae found in a trout hatchery.  
 K. TANIDA: Partitioning of microhabitat between congeneric *Hydropsyche* species within a single riffle.  
 T.S. VSHIVKOVA, J.C. MORSE & D. RUIJTER: Phylogeny of Limnephilidae and composition of the genus *Limnephilus*.  
 F.C. DE MOOR: Regional biogeographical differences in Trichoptera diversity in South Africa, observed patterns and processes.  
 W. MEY: The value of the female genitalia for the systematics of the genus *Hydropsyche*.  
 R.J. BLAHNIK & R.W. HOLZENTHAL: Lactic acid method for clearing Trichoptera genitalia.  
 V.H. RESH & P.K. MENDEZ: Life history studies of Trichoptera: Past trends and future directions.  
 S. CHULUNBAT & J.C. MORSE: Caddisflies of the Selenge River basin, Mongolia.  
 K. KJAER, R. BLAHNIK & R.W. HOLZENTHAL: An update on the higher-level phylogeny of Trichoptera.  
 J. NAWVONG & P. CHANTARAMONGKOL: Molecular markers of odontocerids in Thailand.  
 J.C. MORSE: Skating caddisflies of Mongolia.  
 D.R. ROBERTSON: A taxonomic and systematic revision of the caddisfly subfamily Protoptilinae.  
 C.J. GERACI, K.M. KJER, J.C. MORSE & R.J. BLAHNIK: Phylogenetic relationships among subfamilies of Hydropsychidae.  
 J.S. WEAVER III: The African Lepidostomatidae.  
 R.W. HOLZENTHAL: The application of digital technology to Trichoptera taxonomy.

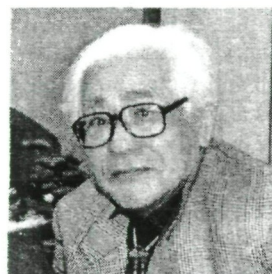
### Posters presented:

M.C. BICCHIERAI & F. CIANFICCONI: Silk gland and silk weave in some Trichoptera.  
 D.E. BOWLES, S. TIEMANN & G. EASELY: Caddisfly assemblages of large springs and spring-runs in Central Texas, USA.  
 J. BUENO-SORIA, R. BARBA-ALVAREZ & J.J. MORRONE: Trichoptera of the Sierra Tarahumara, Chihuahua, Mexico.  
 M.L. CHAMORRO-LACAYO: The Trichoptera of Nicaragua.  
 F. CIANFICCONI & M.C. BICCHIERAI: The larva of *Allogamus antennatus ausioniae* MORETTI 1991.  
 A. CONTRERAS-RAMOS & D.E. BOWLES: Records of caddisflies from Hidalgo, Mexico.  
 M. ESPELAND & K.A. JOHANSON: Revision of the New Caledonian *Hydrobiosella* with description of six new species.  
 A.I. GALLEGOS-VÁZQUEZ, C.I. GARCÍA-GUADARRAMA, E. CALIXTO-PÉREZ, J.M. VILLAVICENCIO-MACÍAS & J. BUENO-SORIA: The Trichoptera larvae of Amatzinac and Tetzontle tributaries in Izta-Popo, Mexico.  
 C.J. GERACI, X. ZHOU & C. SUN: Examining the diversity and phylogeny of *Trichomacronema* in China with molecular and morphological evidence.  
 G. GUEVARA-CARDONA, G. REINOSO-FLÓREZ & F. VILLA-NAVARRO: Caddisfly larvae of the Coello River basin in Tolima (Colombia): spatial and temporal patterns and bioecological aspects.  
 G. GUEVARA-CARDONA, C.J. SENN, M. MERCADO & S. ELLIOTT: Caddisfly larvae and other macroinvertebrates in two contrasting freshwater habitats in the Valdivian Coastal Reserve (Valdivia, Chile).  
 K. HIRABAYASHI: Mechanical property of caddisfly (*Stenopsyche marmorata*) larval nets & feeding-net with different microhabitat in the River Shinano, Japan.  
 T. ITO: Effect of short-day photoperiod on adults of a spring emergence caddisfly, *Lepidostoma satoi*: a laboratory experiment.  
 M. KUČINIĆ, S. STANIĆ, A. PREVIŠIĆ & I. VUČKOVIĆ: Description of the larva of *Drusus medianus* MARINKOVIĆ, 1976 from Bosnia and Herzegovina.  
 N. KUHARA: Two new species of the genus *Dolophilodes* from Japan.  
 R.B. KURANISHI: Descriptions of two new species of *Rhyacophila* from Japan.  
 E.O. LÓPEZ-DELGADO, G. REINOSO-FLÓREZ, G. GUEVARA-CARDONA & F. VILLA-NAVARRO: Structure and distribution of the Trichoptera fauna in a Colombian Andean river basin (Prado, Tolima) and their relationship to water quality.  
 P. LÓPEZ-DEL CASTILLO, J.C. NARANJO-LÓPEZ, J.L. FERNÁNDEZ-TRIANA & D. GONZÁLEZ-LAZO: Structure, diversity and ecological aspects of the caddisfly fauna in two rivers of eastern Cuba.  
 K. MAJECKA, J. MAJECKI & A. WALASZEK: Life history and sexual selection of *Chaetopteryx villosa*.  
 J. MAJECKI: The influence of river regulation on species composition in caddis flies and building behaviour of *Anabolia furcata* larvae.  
 H. MALICKY: The Trichoptera of northern Sumatra.  
 T. MALM & K.A. JOHANSON: The genus *Symphitoneuria* in New Caledonia.  
 Y. NAGAYASU: Seasonal occurrence of caddisflies in urban secondary forest in Sapporo, northern Japan.  
 H. NISHIMOTO & T. NOZAKI: New species of *Padunia* MARTYNOV from Japan.  
 T. NOZAKI, K. TANIDA & M. UENISHI: The caddisfly fauna of a huge spring-fed stream, the Kakida River, in central Japan.

- A. PREVIŠIĆ, Z. MIHALJEVIĆ & M. KEROVEC: Composition of caddis larvae assemblages from altered and manmade habitats in the Drava River, Croatia.
- D.R. ROBERTSON: The biodiversity of Trichoptera in Bolivia.
- K. SATAKE & R.B. KURANISHI: Further studies on caddisflies collected from the Bonin Islands and the Izu Archipelago, Japan.
- G. SPINELLI-BATTA: Description of the larva of *Halesus appenninus* MORETTI & SPINELLI, 1979.
- M. STUDENOVA: Caddisworms of the Emtsa River (The Severnaya Dvina River System, european north of Russia).
- M. STUDENOVA: Caddisworms of the Yarenga River (The Severnaya Dvina River System, european north of Russia).
- T.S. VSHIVKOVA, I.C. STOCKY & J.C. MORSE: Some characters useful for comparative study of wing and corporal cuticle derivatives of caddisflies, especially limnephilids.
- I. VUČKOVIĆ, M. KUČINIĆ, S. ŠIRAC, M. KEROVEC, I. BOŽAK & I. ZRINSKI: Faunal characteristics and distribution of Trichoptera at the Cetina river.
- J.A. WOJCIWICZ & O.S. FLINT, Jr.: A new species of *Pycnopsyche*, *P. pani*, from the mountains of northern North Carolina and Virginia.
- X. ZHOU & H. XIAOJUAN: "Stone-worms": Caddisflies in ancient Chinese classics.
- Yoshie Nagayasu (Sapporo, Japan)
- Jirayu Nawvong (Chiangmai, Thailand)
- Hiroyuki Nishimoto (Aichi, Japan)
- Takao Nozaki (Kanagawa, Japan)
- Ayuko Ohkawa (Furano, Japan)
- Ana Previšić (Zagreb, Croatia)
- Vincent H. Resh (Berkeley Calif., USA)
- Desiree R. Robertson (St.Paul MN, USA)
- Dave Ruiter (Littleton, Colorado, USA)
- Kiyoshi Satake (Ibaraki, Japan)
- Somyot Silalom (Chiangmai, Thailand)
- Giuliana Spinelli-Batta (Perugia, Italy)
- Marina Studenova (Arkhangelsk, Russia)
- Kazumi Tanida (Osaka, Japan)
- Ma. Judith Villavicencio-Macías (Mexico DF, Mexico)
- Tatyana S. Vshivkova (Vladivostok, Russia)
- John S. Weaver III (Concord NH, USA)
- Xin Zhou (New Brunswick NJ, USA)



DR. TEIZI KAWAI (20 Oct. 1925-23 April. 2005)



TEIZI KAWAI was born in Kyoto and lived his entire life in the city that was an old capital in Japan. He graduated from Kyoto University in 1949 and obtained a research associate position with the Ohtsu Hydrobiological Station. Two years later, he became a faculty member of Nara Women's University (NWU) and retired in 1989 as a professor of Faculty of Science and Graduate School of Human Culture, NWU. He was honored with the title of professor emeritus at NWU for his many substantial scholarly achievements. He continued his scientific activity till the last days and passed away on 23 April 2005. He made major contributions on the taxonomy of Asian Plecoptera. He was awarded 1995 Life Time Achievement Award for his lifeworks from the International Committee of Plecoptelologists at the XII International Symposium on Plecoptera, Lausanne in Switzerland. He also performed his duty as a member of both the Committee and the editorial board for "Aquatic Insects" for long time. He contributed greatly to the development of Japanese and Asian aquatic entomology. The book "An illustrated Book on Aquatic Insects in Japan" edited by him has been used for 20 years in Japan, and a new book "Aquatic Insects of Japan: Manual with Keys and Illustrations" published in January 2005, when he was in hospital. He and Dr. Tanida planned to publish this book 10 years ago, and it was eagerly anticipated. His last studies and subsequent publications were completed despite his struggle against lung cancer.

When he was 42, he spent a year at the Max-Planck-Institute for Limnology in Schlitz focusing on his research on the taxonomy of Plecoptera. He loved Schlitz as his second hometown, because of great people and beautiful surroundings. Because of his natural pleasant personality he had many friends in the world. He was characterized by his lively intellectual curiosity. He had a great interest in natural history museums, zoos, postage stamps, and even in the kinds of toilet paper! He spent his entire life as a young boy, filled with great curiosity.

During the last several months of his life, his students visited him frequently in the hospital, spending much quality time with him. His collections of stoneflies, other material and literature have been deposited both in Biwa Lake Museum and Nara Women's University, respectively. At Nara Women's University, he was honored with the "Kawai Bunko" (the Library of Kawai). He is remembered as a good friend and senior of our profession forever.

Yu Isobe, Nara

#### List of participants (arranged according to the official list):

- Trond Andersen (Bergen, Norway)
- Brian J. Armitage (Columbus, Ohio, USA)
- Rafael Barba-Alvarez (Mexico DF, Mexico)
- Maria Clara Bicchierai (Perugia, Italy)
- Roger Blahnik (St.Paul MN, USA)
- David E. Bowles (Springfield, Miss. USA)
- Joaquín Bueno-Soria (Mexico DF, Mexico)
- Edith Calixto-Pérez (Mexico DF, Mexico)
- Maria Lourdes Chamorro-Lacayo (St.Paul MN, USA)
- Porntip Chantaramongkol (Chiangmai, Thailand)
- Suvdtsetseg Chuluunbat (Clemson SC, USA)
- Fernanda Cianficconi (Perugia, Italy)
- Atilano Contreras-Ramos (Mexico DF, Mexico)
- Carla Corallini Sorcetti (Perugia, Italy)
- Ferdinand C. de Moor (Grahamstown, South Africa)
- Marianne Espeland (Stockholm, Sweden)
- Oliver S. Flint (Washington DC, USA)
- Michael Friedlander (Beer Sheva, Israel)
- Alma Iris Gallegos-Vázquez (Mexico DF, Mexico)
- Carlos Ivan García-Guadarrama (Mexico DF, Mexico)
- Christy Jo Geraci (Clemson SC, USA)
- François-Marie Gibon (Assas, France)
- Giovany Guevara-Cardona (Valdivia, Chile)
- Toshio Hattori (Shizuoka, Japan)
- Kimio Hirabayashi (Nagano, Japan)
- Ralph W. Holzenthal (St.Paul MN, USA)
- Jun Mi Hur (Clemson SC, USA)
- Tomiko Ito (Eniwa, Japan)
- Goro Kimura (Nagano, Japan)
- Karl M. Kjer (New Brunswick NJ, USA)
- Mladen Kučinić (Zagreb, Croatia)
- Naotoshi Kuhara (Chitose, Japan)
- Ryoichi B. Kuranishi (Chiba, Japan)
- Pedro López-Del Castillo (Santiago, Cuba)
- Katarzyna Majecka (Lodz, Poland)
- Janusz Majecki (Lodz, Poland)
- Hans Malicky (Lunz, Austria)
- Tobias Malm (Stockholm, Sweden)
- Patina K. Mendez (Berkeley Calif., USA)
- Wolfram Mey (Berlin, Germany)
- Juan José Morrone-Lupi (Mexico DF, Mexico)
- John C. Morse (Clemson SC, USA)

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