



PREFACE: Proceedings of the 13th International Symposium on Trichoptera

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The 13th International Symposium on Trichoptera took place in Białowieża, Poland, in 22–27 June 2009, but the idea to organize the symposium there was evoked 3 years earlier. When, at the end of the symposium in Mexico City, Professor Hans Malicky suggested that the next symposium take place in Poland, the first question we asked ourselves was, “Where could we organize it?” That night we were discussing this issue with several colleagues and Wolfram Mey said, “Why not do it in Białowieża?” The idea was tempting. In the last 2 decades Trichoptera symposia were organized in big cities. The last one even took place in one of the largest cities of the world—Mexico City. By contrast, Białowieża is just a small village; but for researchers it is paradise. The significance of this last natural European forest for science is reflected in the presence of many scientific institutions there. And so, we decided that Białowieża would be a perfect venue for our symposium.

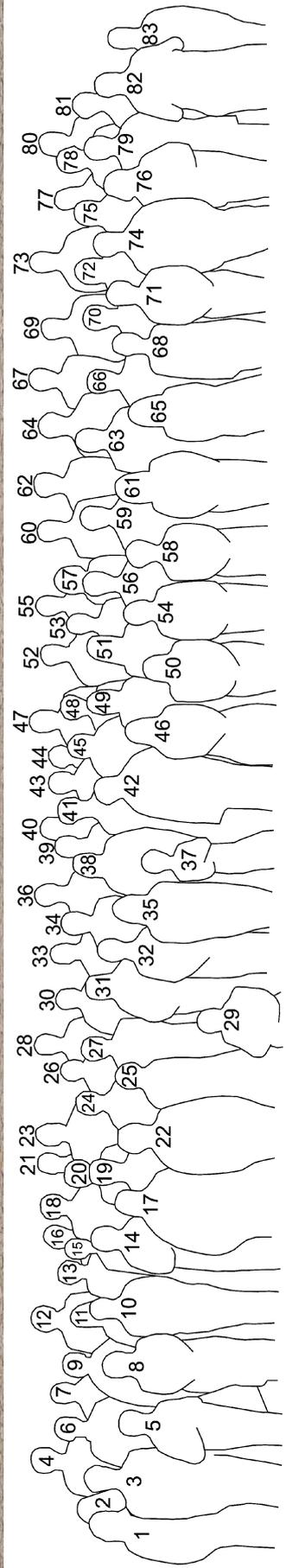
Three years later in June 2009, 65 Trichoptera researchers from 24 countries met here. Over 35 oral presentations and 41 posters were delivered. All of them were of high quality and many of them are published in this volume.

An important part of the symposium was various trips and excursions organized for the participants and accompanying persons. Although summer is usually warm and sunny in Poland, this year proved to be exceptionally wet and stormy. One such powerful thunderstorm descended on Białowieża Forest in the midst of a walking tour of the Protected Area of the National Park. Within minutes all of us were soaked. We walked quickly through the primeval forest in the near darkness, interrupted occasionally by frightening flashes of lightning. While not entirely pleasant, this hike made us realize the power of the natural elements. The accompanying persons enjoyed trips in the surrounding area, visiting picturesque villages hidden among gently rolling hills.

The caddis on the symposium logo is *Tricholeiochiton fagesii* (Guinard), a species with a small larva that has extremely long legs and a transparent, secreted case. It is rare in Poland and very beautiful. We were inspired by a picture from Bert Higler’s book, “De Nederlandse Kokerjufferlarven,” in which a group of larvae looks similar to galloping horses. Bert actively participated in most of our symposia and wanted very much to be with us in Białowieża. Unfortunately, due to illness he was unable to attend. A few months later Bert passed away. We dedicate this volume to his memory.

Proceedings of previous international symposia on Trichoptera have been published by a variety of publishers, including Dr. W. Junk (Malicky 1976, Crichton 1978, Moretti 1981, Morse 1984, Bournaud & Tachet 1987), Adam Mickiewicz University Press (Tomaszewski 1991), Backhuys Publishers (Otto 1993), Ohio Biological Survey (Holzenthal & Flint 1997), Faculty of Science of Chiang Mai University (Malicky & Chantaramongkol 1999), Deutsches Entomologisches Institut (Mey 2002), Tokai University Press (Tanida & Rossiter 2005), and The Caddis Press (Bueno-Soria et al. 2007). Complete references for those earlier Proceedings are as follows:

13th International Symposium on Trichoptera 22 – 27 June 2009, Białowieża, Poland



1—C. Zamora-Muñoz; 2—M. Sáinz Bariáin; 3—B. Szczyński; 4—C. Múrria; 5—I. Sukatsheva; 6—S. Pauls; 7—B. Smith; 8—T. Vshivkova; 9—M. Bálint; 10—C. Brand; 11—P. Mendez; 12—R. Holzenthal; 13—A. Waringer; 14—A. Previšić; 15—R. Thomson; 16—J. Waringer; 17—M.A. Sorcetti; 18—M.A. Beketov; 19—T. Torii; 20—N. Kuhara; 21—W. Graf; 22—C. Corallini; 23—A. Nimmo; 24—H. Nishimoto; 25—F. Cianficconi; 26—C. Nybom; 27—T. Nozaki; 28—H. Malicky; 29—S. Czachorowski; 30—O. Flint; 31—M.G. Forti; 32—C. Flint; 33—V. Ivanov; 34—F.C. De Moor; 35—K. Majecka; 36—S. Melnitsky; 37—A. Majecka; 38—F.C. de Moor; 39—E. Ploss; 40—V.N. Grigorenko; 41—U. Barth; 42—A. Szczyńska; 43—D. Dekkers; 44—E. Huisman; 45—T. Andersen; 46—N. Bonada; 47—B. Armitage; 48—T. I. Arefina-Armitage; 49—M.G.G. Diaz; 50—M. Valladolid; 51—M. Djernæs; 52—J. Morse; 53—S. Gomber; 54—Ayuko Ohkawa; 55—S. Ogbogu; 56—E. Inoue; 57—T. Prommi; 58—T. Ito; 59—M. Tszydel; 60—K. Hirabayashi; 61—F. Nishimoto; 62—M. Gładalski; 63—B. Statzner; 64—R.B. Kuranishi; 65—T. Kuranishi; 66—P. Laudee; 67—I. Vučković; 68—I. Szivák; 69—D. Ruitter; 70—X. Zhou; 71—K. Ihász; 72—M. Salokannel; 73—J. Salokannel; 74—M. Hohmann; 75—A. Móra; 76—M. C. Bicchierai; 77—A. Skuja; 78—W. Mey; 79—S.C. Brainard; 80—J. Majecki; 81—P. Majecki; 82—Z. Mirski; 83—O. Majecka

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This volume for the 13th International Symposium on Trichoptera is being published by the newly established online journal *Zoosymposia*, a production of Magnolia Press and a sister journal of the well-known online journal *Zootaxa*. The scope of topics publishable in *Zoosymposia* is much broader than for *Zootaxa*. As with the latter, publication in *Zoosymposia* has several advantages over traditional, paper-only publication options, including rapid production by Magnolia Press upon receipt from the proceedings editors, no required page charges and a low-cost option for open access, simultaneous online and print editions, free color plates for the online edition, free access online for abstracts and excerpts, free e-print to authors, and perhaps most importantly, the much wider accessibility of this online resource, especially for open-access articles and for scholars in developing countries with limited library resources. The benefits of traditional print publication are also supported, including international coverage, high quality production services, availability of reprints, and a high-quality case-bound print edition with its own ISBN. *Zoosymposia* is indexed by *ISI Web of Science*; *Conference Proceedings Citation Index Science*, *Book Citation Index*, *Zoological Record* and *Google Scholar*. The high international stature of *Zootaxa* and *Zoosymposia* is an additional advantage for our Proceedings.

Editorial format and standards for *Zoosymposia* are similar to those for *Zootaxa*, including the requirement for review of each manuscript by at least 2 peers. Past proceedings from Trichoptera symposia were reviewed by the proceedings editor, but generally not by anonymous peers other than the editor. For these Proceedings, Co-Editors Majecka and Majecki coordinated the peer-review process and Co-Editor Morse then reviewed the manuscripts for English grammar (for manuscripts by authors for whom English is not the native language) and format. Co-Editors Majecka and Majecki had some challenges that are common to editors generally, such as authors making changes at the last moment or sending a lot of letters with some very peculiar and difficult questions. Nevertheless, 42 of 43 manuscripts submitted were finally accepted for publication in the Proceedings. Peer reviews were accomplished by the colleagues listed below with the number of manuscripts they reviewed — The Co-Editors are very grateful for this service that these colleagues provided for our discipline! We hope that the quality of the finally published Proceedings of the 13th International Symposium on Trichoptera now justifies their efforts and our decision to publish in *Zoosymposia*.

Tatiana I. Arefina-Armitage (2), Brian Armitage (2), Miklós Bálint (2), Maria Clara Bicchierai (2), Joaquín Bueno-Soria (1), Pornpip Chantaramongkol (1), Fernanda Cianficconi (2), Stanisław Czachorowski (2), Marie Djernæs (1), Oliver S. Flint, Jr. (2), Gisli Mar Gislason (1), Marcos A. González González (1), Maria Grzybkowska (1), †L.W.G. Higler (2), Ralph W. Holzenthal (3), Tomiko Ito (2), Vladimir D. Ivanov (5), Kjell Arne Johanson (1), Ryoichi B. Kuranishi (3), Pongsak Laudee (1), Hans Malicky (2), Wolfram Mey (2), Ferdinand C. De Moor (2), John C. Morse (5), Takao Nozaki (1), Sylvester Ogbogu (2), János Oláh (2), Krzysztof W. Opaliński (1), Steffen Pauls (2), Thomas Pitsch (1), Mirosław Przybylski (1), Vincent H. Resh (1), David E. Ruitter (3), Jacek Siciński (1), Bernhard Statzner (1), Bronisław Szczęsny (5), Kazumi Tanida (1), Cezary Tomaszewski (3), Mariusz Tszudel (2), Lujza Ujvarosi (1), María Valladolid (1), Tatyana Vshivkova (1), Johann Waringer (2), Peter Wiberg-Larsen (2), Wilfried Wichard (1), Carmen Zamora Muñoz (2), Marianna Zhukovskaya (1)

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Co-Editors Majecka and Majecki would like to express our gratitude to Prof. John Morse who agreed to take on the role of Co-Editor of the Proceedings and was deeply involved in the process of manuscript adjustment in accordance with the standards indicated by *Zoosymposia*. We have also received a lot of professional help from John at various stages of our editorial work.

Katarzyna Majecka, Janusz Majecki

Co-Conveners of the 13th International Symposium on Trichoptera
Co-Editors of the Proceedings

John Morse

Co-Editor of the Proceedings