

Editorial

Proceedings of the 18th International Symposium on ChironomidaeTorbjørn Ekrem¹, Elisabeth Stur¹ and Kaare Aagaard¹

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It was a great pleasure for the Museum of Natural History and Archaeology at the Norwegian University of Science and Technology to host the 18th International Symposium on Chironomidae in Trondheim, July 4-6, 2011. The three days of presentations, conversations and discussions were memorable and we are genuinely pleased that 78 participants from 36 countries found their way up North. Moreover, it was nice to see that numerous Master and PhD-students attended the meeting and that the recruitment to chironomid research is promising.

The International Symposia on Chironomidae are popular events on the calendar of chironomidologists. The reasons might be many, but we think that the collegial atmosphere and interesting mix of research topics contribute considerably to the popularity of these meetings. Although variable in size, the meetings have been continuous since the start in Plön, Germany in 1964. The organizer of the first meeting and primus motor for activities in the chironomid research society for many years was Prof. Ernst Josef Fittkau, who sadly passed away on May 12 this year, 84 years old. We think it is safe to say that several symposia would not have been the same without his commitment to the chironomid worker community and would like to dedicate these proceedings to him.

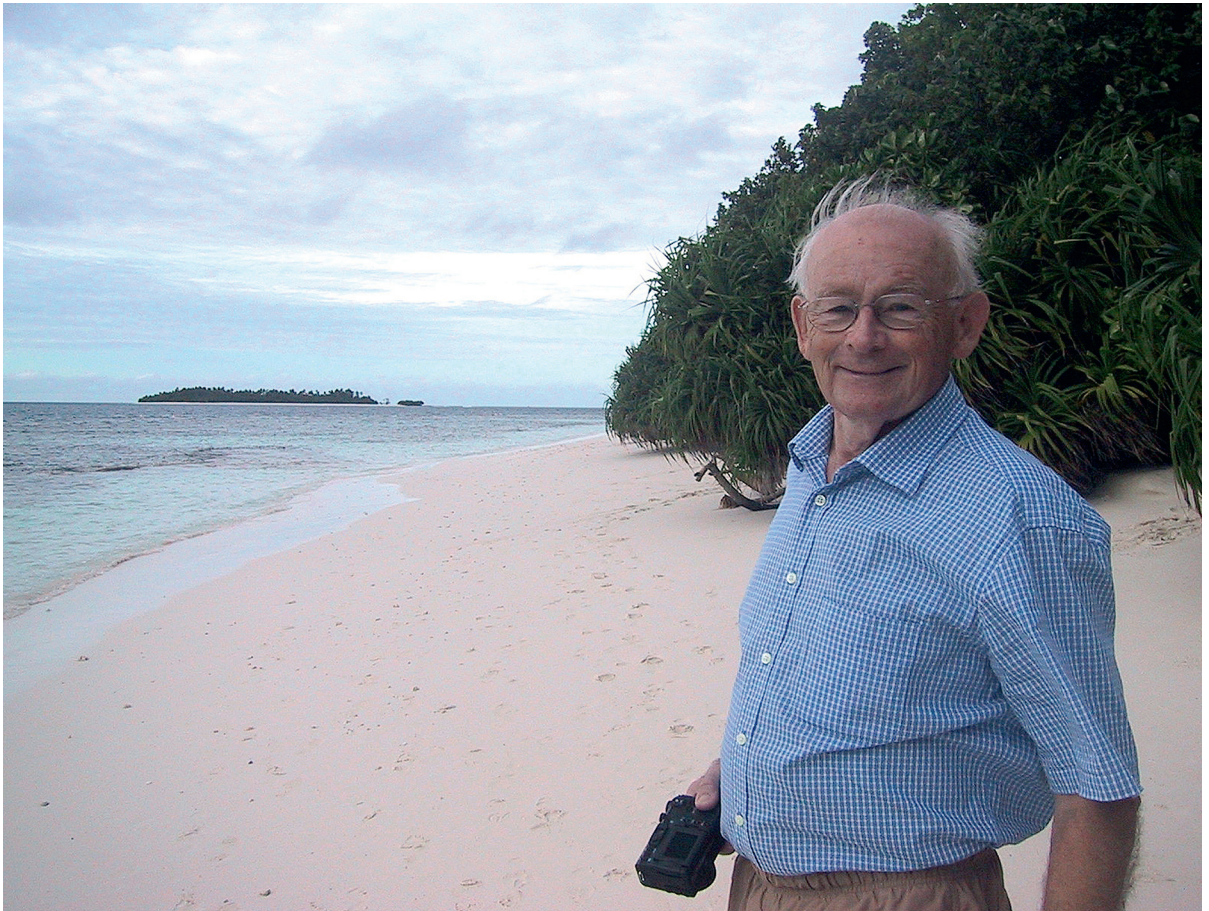
Chironomidae research has been applied in several new and interesting areas over the years. One relatively recent application is in stable isotope analysis of subfossil sediments. Prof. Oliver Heiri from the Oeschger Centre for Climate Change Research at the University of Bern gave us a good overview and presented new results from this exciting field in the Thienemann-lecture.

The accompanying article by Heiri et al. in this volume gives an overview of the development and future challenges in stable isotope analyses of chironomid remains.

Papers from an additional 22 presentations at the symposium are published in these proceedings. The topics are diverse and span from palaeontology to ecology, taxonomy and genetics. Although far from all presentations at the meeting are represented here, it is our opinion that the proceedings gives an appropriate picture of the scientific activity at the symposium.

We would like to thank all authors for submitting their papers to these proceedings and especially thank all the reviewers for their effort and valuable comments on the submitted manuscripts. Thanks also to the Research Council of Norway, The Royal Norwegian Society of Sciences and Letters, the Norwegian Directorate for Nature Management for making the conference in Trondheim possible and to our university and the City of Trondheim for hosting the meeting.

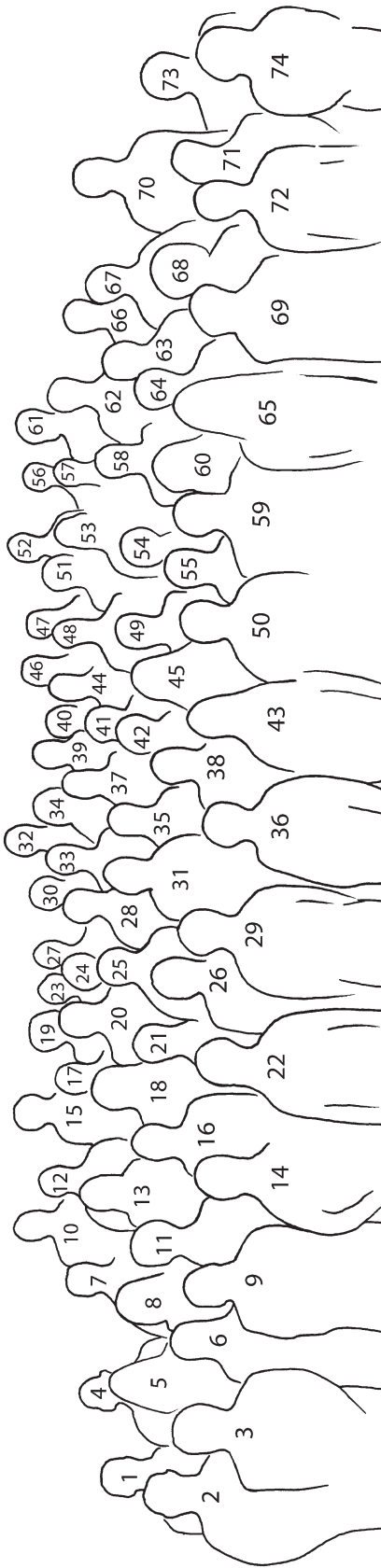
Torbjørn Ekrem, Elisabeth Stur and Kaare Aagaard
Organisers of the Symposium and editors of the Symposium
Proceedings.



In memoriam Prof. Ernst Josef Fittkau (1927-2012).



Photo: Arnstein Staverløkk.



Participants at the 18th International Symposium on Chironomidae held in Trondheim, Norway, 4th - 6th July 2011. 1. Torbjørn Ekrem (Norway); 2. Martin Spies (Germany); 3. Tae-Soo Chon (Korea); 4. Humberto Mendes (Norway); 5. Angela Sanseverino (Brazil); 6. Kathia Sonoda (Brazil); 7. Janus Hansen (Faroe Islands); 8. Sofia Wiedenbrug (Brazil); 9. Gürçay Kıvanç Akyıldız (Turkey); 10. Fabio Laurindo da Silva (Brazil); 11. Hongqu Tang (China); 12. José-Luis Martínez-Guitarte (Spain); 13. Elisabet Hannesdóttir (Iceland); 14. Barbara Hayford (USA); 15. Ole A. Sæther (Norway); 16. Ian Boothroyd (New Zealand); 17. Andrey Krashennikov (Russia); 18. Peter Cranston (Australia); 19. Nao Yamamoto (Japan); 20. Godtfred Anker Halvorsen (Norway); 21. Patrick Ashe (Ireland); 22. Annika Bernittson (Sweden); 23. Mariano Donato (Argentina); 24. Takashi Okuda (Japan); 25. Lars Eriksson (Sweden); 26. Endre Willassen (Norway); 27. Tobias Kaiser (Austria); 28. Kimio Hirabayashi (Japan); 29. Leonard Ferrington (USA); 30. Enlou Zhang (China); 31. Veronika Golygina (Russia); 32. Les Ruse (UK); 33. Henk Moller-Pillot (The Netherlands); 34. Samantha J. Hughes (Portugal); 35. Isabelle Proulx (Canada); 36. Brigitte Lods-Crozet (Switzerland); 37. Salman Al-Shami (Malaysia); 38. Evelyne Franquet (France); 39. Bohdan Bilyj (Canada); 40. Jolana Tátošová (Czech Republic); 41. Malka Halpern (Israel); 42. Larissa Gunderina (Russia); 43. Valentine Cartier (France); 44. Andrew Medeiros (Canada); 45. Susan Gresens (USA); 46. Alyssa Anderson (USA); 47. Jos Schilder (Switzerland); 48. Oliver Heiri (Switzerland); 49. Maria Grzybowska (Poland); 50. Uberto Ferrarese (Italia); 51. Roberto Quimlan (Canada); 52. Gaute Velle (Norway); 53. Ian Walker (Canada); 54. Dubravka Cerba (Croatia); 55. Masaru Yamamoto (Japan); 56. Victor Frossard (France); 57. Christopher Luszczek (Canada); 58. Joel Moubayed-Breil (Lebanon & France); 59. Bruno Rossaro (Italia); 60. Larisa Nazarova (Germany); 61. Andrey Przhiboro (Russia); 62. Djurađ Milosević (Serbia); 63. Viktor N. Baranov (Ukraine); 64. Bimalendu B. Nath (India); 65. Naime Arslan (Turkey); 66. Sondre Dahle (Norway); 67. Daniel Vondrák (Czech Republic); 68. Paraskeva Michailova (Bulgaria); 69. Peter Langton (UK); 70. Vít Syrovátka (Czech Republic); 71. Mustafa Duran (Turkey); 72. Jarmila Lešková (Slovakia); 73. Kaare Aagaard (Norway); 74. Elisabeth Stur (Norway). Not present in the group picture: Trond Andersen (Norway); Amit Lerner (Israel); Brendan McKie (Sweden) and Magda-Lena Wiklund (Sweden).

Participants at the 18th International Symposium on Chironomidae held in Trondheim, Norway, 4th - 6th July 2011 in alphabetic order. Numbers are reference to the group picture.

Last name, first name	Country	No.	Last name, first name	Country	No.
Aagaard, Kaare	Norway	73	Lods-Crozet, Brigitte	Switzerland	36
Akyildiz, Gürçay Kıvanç	Turkey	9	Luszczek, Christopher	Canada	57
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Andersen, Trond	Norway	none	McKie, Brendan	Sweden	none
Anderson, Alyssa	USA	46	Medeiros, Andrew	Canada	44
Arslan, Naime	Turkey	65	Mendes, Humberto	Norway	4
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Ekrem, Torbjørn	Norway	1	Sæther, Ole A.	Norway	15
Eriksson, Lars	Sweden	25	Sanseverino, Angela	Brazil	5
Ferrarese, Uberto	Italia	50	Schilder, Jos	Switzerland	47
Ferrington, Leonard	USA	29	Silva, Fabio Laurindo da	Brazil	10
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Frossard, Victor	France	56	Spies, Martin	Germany	2
Golygina, Veronika	Russia	31	Stur, Elisabeth	Norway	74
Gresens, Susan	USA	45	Syrovátka, Vít	Czech Republic	70
Grzybkowska, Maria	Poland	49	Tang, Hongqu	China	11
Gunderina, Larissa	Russia	42	Tátosová, Jolana	Czech Republic	40
Halpern, Malka	Israel	41	Velle, Gaute	Norway	52
Halvorsen, Godtfred Anker	Norway	20	Vondrák, Daniel	Czech Republic	67
Hannesdóttir, Elísabet	Iceland	13	Walker, Ian	Canada	53
Hansen, Janus	Faroe Islands	7	Wiedenbrug, Sofia	Brazil	8
Hayford, Barbara	USA	14	Wiklund, Magda-Lena	Sweden	none
Heiri, Oliver	Switzerland	48	Willassen, Endre	Norway	26
Hirabayashi, Kimio	Japan	28	Yamamoto, Masaru	Japan	55
Hughes, Samantha J.	Portugal	34	Yamamoto, Nao	Japan	19
Kaiser, Tobias	Austria	27	Zhang, Enlou	China	30
Krasheninnikov, Andrey	Russia	17			
Langton, Peter	UK	69			
Lerner, Amit	Israel	none			
Lešková, Jarmila	Slovakia	72			