

New keys to European Chironomidae larvae

Claus Orendt

Brandvorwerkstr. 66, 04275 Leipzig, Germany.

E-mail: orendt@hydro-bio.de

Chironomini (Diptera: Chironomidae). Keys to Central European larvae using mainly macroscopic characters.

2nd, revised edition.

By Orendt, C. & Spies, M. (2012).

64 p., more than 450 illustrations.

ISBN 978-3-00-038842-2

The second edition of these richly illustrated keys separates larvae of Central European non-biting midges by subfamilies, and especially members of the tribe Chironomini by genera or some smaller taxa. The work is also directed at workers with little previous experience in chironomid larvae. The keys' emphasis is on morphological features that are visible macroscopically without elaborate preparations.

Chironomus (Meigen). Key to the larvae of importance to biological water analysis in Germany and adjacent areas.

By Orendt, C. & Spies, M. (2012).

Bilingual edition (English/German).

24 p., 47 illustrations.

ISBN 978-3-00-038789-0

This key identifies 11 species and species groups of significance to water quality evaluation whose ecological requirements are known sufficiently, at present, and whose larvae are reasonably diagnosable in terms of taxonomy. One of the aims of this work is to reduce existing uncertainties and misinterpretations, particularly in biological water analysis.

Chironomidae larvae in brackish waters of Germany and adjacent areas.

By Orendt, C., Dettinger-Klemm, A. & Spies, M. (2012).

Editor: Federal Environment Agency, Berlin.

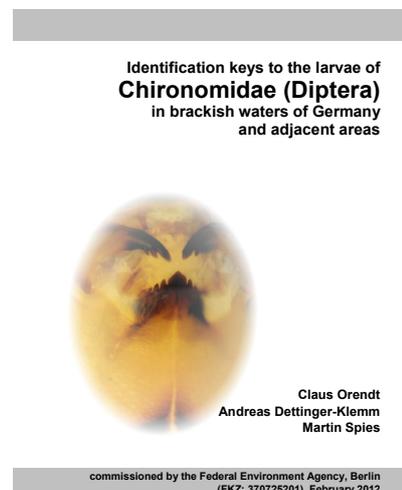
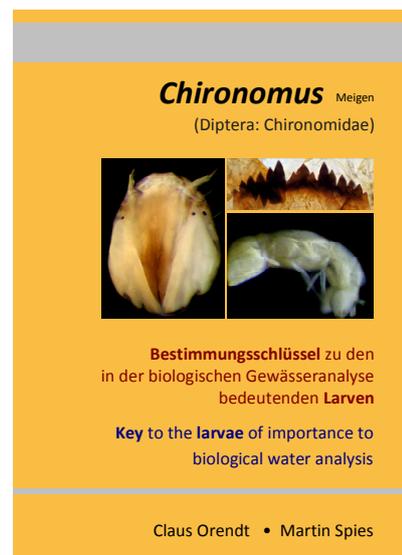
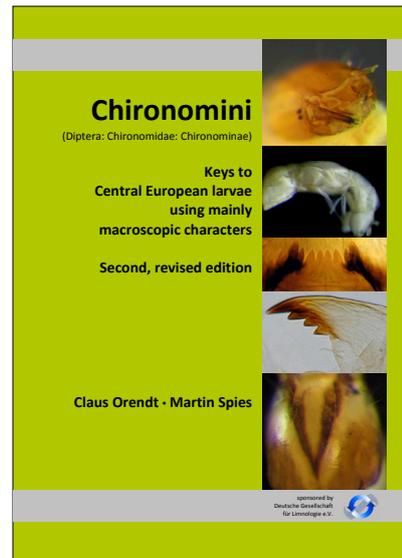
Editions in English or German.

214 p., 1154 illustrations.

ISSN 2194-7902

The key includes about 90 taxa (genera, species groups, species) that can be identified in the larval stage and have been recorded from brackish waters in Germany and adjacent North Sea and Baltic Sea areas. With its broad geographical scope and practical approach, this monograph is unique and of equal interest for scientists and technical offices in countries along the North and Baltic Seas.

Previews, informations and orders: www.hydro-bio.de/chironomidae.htm



Proceedings of the 18th International Symposium on Chironomidae

Elisabeth Stur, Torbjørn Ekrem & Kaare Aagaard

Museum of Natural History and Archaeology, Norwegian University of Science and Technology, NO-7491 Trondheim, Norway.

E-mail: elisabeth.stur@ntnu.no

We are happy to announce that the Proceedings of the 18th Chironomidae symposium held in Trondheim last year now is published and available open access through the Fauna norvegica website: http://www.ntnu.no/ojs/index.php/fauna_norvegica.

For people that wish a paper copy:

The editor of *Fauna norvegica* has informed us that there are extra copies of the proceedings available. The costs are NOK 300,- (Norwegian kroner), and includes postage.

To order please contact:

Torkild Bakken, Editor in chief

NTNU, Museum of Natural History and Archaeology

E-mail: torkild.bakken@ntnu.no

We wish to thank all authors for their contributions, and hope you all enjoy reading the papers!

Fauna norvegica Vol. 31. 2012



Fauna norvegica

Published by Museum of Natural History and Archaeology, Norwegian University of Science and Technology (NTNU)

An online bibliography of the Chironomidae

Kaare Aagaard & Torbjørn Ekrem

Museum of Natural History and Archaeology, Norwegian University of Science and Technology, NO-7491 Trondheim, Norway.

E-mail: kaare.aagaard@ntnu.no

We are very happy to announce that the Online Bibliography of Chironomidae is available online at <http://literature.vm.ntnu.no/Chironomidae/>

As many of you know, there has been a number of people involved with the printed bibliography over the years and it is therefore nice to be able to make their work available in electronic form.

The database currently holds 27780 entries (nov. 20, 2012), but we hope that you all will contribute with missing data and add references to your own published work. To do so, just follow the link in the top right corner of the introductory page.

Thank you!

Authors	Year	Title	Journal/Book/Publisher
"Une Société de Naturalistes et d'Agriculteurs"	1816-1819	Nouveau dictionnaire d'histoire naturelle, appliquee aux arts, à l'agriculture, à l'economie rurale et domestique, à la médecine, etc. Tome VI	Detenelle, Paris.
Abbott, I.	1995	Prodiomus of the occurrence and distribution of insect species in the forested part of south-west Western Australia	CALMScience 1: 365-463.
Abbott, I. M., Steeman, D. P. and Harrison, S.	2009	Bat activity affected by sewage effluent in Irish rivers	Biol. Conserv. 142: 2904-2914.
Abdulah, A. M., Barton, D. R.	2003	Environmental factors controlling the distributions of benthic invertebrates on rocky shores of Lake Malawi, Africa	J. Or. Lakes Res. 29: 202-215.
Abdukarim, E.	1980	(Nutrition of the bream Abramis brama in lakes of the Khorezm Oblast, Uzbek SSR, USSR)	Uzb. biol. Zh. 1980, 4: 43-45.

A World Catalogue of Chironomidae (Diptera). Part 2. Orthocladiinae

Patrick Ashe¹ & James P. O'Connor²

¹33 Shelton Drive, Terenure, Dublin 12, Ireland, patrick.ashe@upcmail.ie

² Emeritus Entomologist, National Museum of Ireland, Kildare Street, Dublin 2, Ireland

Part 2 of A World Catalogue of Chironomidae (Diptera) is now available and was published on the 1st October 2012. In Part 2 there are a total of 174 valid genera, 36 subgenera and 2,275 valid species plus 19 subspecies. In addition, there are a further 113 genus-group names and 1,470 species-group names which are either synonyms, nomina dubia or unavailable. The total number of taxa (genus-group + species-group names) in Part 2 is 4,087. The full citation is as follows:

Ashe, P. & O'Connor, J. P. 2012. *A World Catalogue of Chironomidae (Diptera). Part 2. Orthocladiinae*. Irish Biogeographical Society and National Museum of Ireland, Dublin. xvi+968pp.

Due to the large size it is printed in two sections, Section A (i-xvi, 1-468 pp) & Section B (469-968 pp). The two sections each weigh about 1.5 kg and to save on postage costs each section is posted separately. The total cost of a copy of Part 2 (including both sections) plus postage (Airmail only) and packing can be determined from the table given below.

	Ireland (incl. Northern Ireland)	Britain	Europe	Rest of the world
Postage	Euro 16.00	Euro 26.00	Euro 26.00	Euro 36.00
Catalogue Part 2	Euro 84.00	Euro 84.00	Euro 84.00	Euro 84.00
TOTAL	Euro 100.00	Euro 110.00	Euro 110.00	Euro 120.00

Catalogue Part 2 is published by The Irish Biogeographical Society in association with The National Museum of Ireland. Details about this publication will be included on the Irish Biogeographical Society website: <http://www.irishbiogeographicalsociety.com/>

The preferred method of payment is the International Electronic Payment System from your Bank directly to our Bank account (The Irish Biogeographical Society account). This system worked very well for Part 1 and will be used for Part 2.

To order a copy of either Part 2 (or Part 1) contact Dr Patrick Ashe by e-mail: patrick.ashe@upcmail.ie

Once your order by e-mail has been received a Proforma Invoice (including all our relevant Bank details) will be sent to you indicating the amount you have to pay.

Copies of Part 1 are still available:

Ashe, P. & O'Connor, J. P. (2009) *A World Catalogue of Chironomidae (Diptera). Part 1. Buchonomyiinae, Chilenomyiinae, Podonominae, Aphroteniinae, Tanypodinae, Usambaromyiinae, Diamesinae, Prodiamesinae and Telmatogetoninae*. Irish Biogeographical Society and National Museum of Ireland, Dublin. 445pp.

	Ireland (incl. Northern Ireland)	Britain	Europe	Rest of the world
Postage	Euro 8.00	Euro 13.00	Euro 13.00	Euro 18.00
Catalogue Part 1	Euro 42.00	Euro 42.00	Euro 42.00	Euro 42.00
TOTAL	Euro 50.00	Euro 55.00	Euro 55.00	Euro 60.00

The 12th Workshop on Subfossil Chironomidae

Peter G. Langdon

Reader in Palaeoenvironmental Change, Geography and Environment

University of Southampton, Highfield

Southampton, SO17 1BJ.

E-mail: P.G.Langdon@soton.ac.uk

Dates: 10-13th June 2013

Venue: Beaulieu Hotel, New Forest, Hampshire, Southern UK (the beautiful English countryside!)

Costs (all incl VAT): Total price pp for single occupancy would be £309.60 pp. Double occupancy would be £269.00 pp. Triple occupancy would be £255.00 pp. Day delegate rate £37.80 pp (incl lunch). Dinner as an extra add on for any non-residents would be £25.00 pp. If staying 10-12th (ie leave before 13th) cost would be £228.60.

We have some bursaries for Postgraduates from a QRA (Quaternary Research Association) award, and also bursaries from PAGES support for those coming from 'low GDP' and/or former Eastern Block countries - they will need to write a 300 word application outlining their expertise and why they need the money, i.e. make a case for support. If awarded support this will lower the costs from these groups.

In terms of themes, and given it is a workshop, we are keen for delegates to consider their data/thoughts in relation to the following topics:

Limnological functioning:

What can chironomids tell us about (palaeo) lake processes Eutrophication, stratification, changes in food-web structure (e.g. recent Quinlan paper in JoPL)?

Impacts on lakes:

Can chironomids help distinguish when a lake passes a critical transition? Do they show early warning signals (e.g. Wang et al Nature paper)?

If a lake is losing resilience, how do chironomids respond?

Transfer functions:

How do the current debates on use of transfer functions affect our training set data/research?

Are there aspects about chironomid data that help/hinder this debate (see Brooks et al. reply to Velle et al. in The Holocene).

Climate and other environmental reconstructions:

Following on from the above - how good are our chironomid inferred climate reconstructions?

Can we get better at estimating the real magnitude of change, and real errors?

A website for registration of participants will soon be set up at the University of Southampton. Please contact Peter G. Langdon (P.G.Langdon@soton.ac.uk) if you have any questions.
