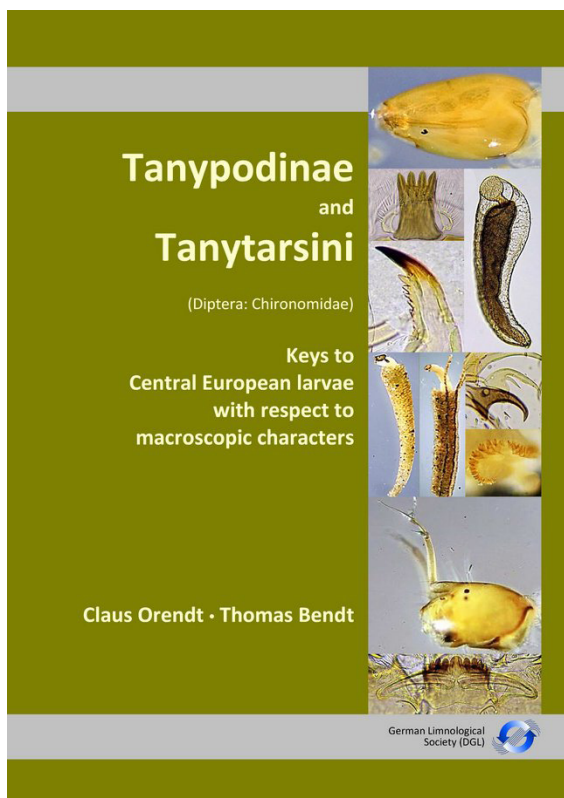


New books

Tanypodinae and Tanytarsini (Diptera: Chironomidae). Keys to Central European larvae using mainly macroscopic characters.

This book on the identification of the larvae of non-biting midges of the subfamily Tanypodinae and the tribe Tanytarsini (subfamily Chironominae) is the follower of previously published works on Chironominae (tribe Chironomini) and Orthoclaadiinae sensu lato in 2012 and 2021. It supplies and concludes the series of illustrated guides for Chironomidae larvae. Thus, a complete work is presented for beginners and less experienced colleagues who are concerned with chironomid identification in water monitoring, science, or because of other interests. Similar to our earlier volumes on Chironomini and Orthoclaadiinae sensu lato, we used macroscopic characters for the identification of genera, species groups, and easily separable species as much as possible. The keys can be used in all of Europe without restriction.

With the illustration of nearly 700 photographs, this book provides an identification guide for 27 Tanypodinae genera and characters for more than 27 taxa at the species level. The identification for 15 genera and 10 species of Tanytarsini larvae is included. For each taxon identified, information on the habitat is also provided. In combination with the richly and excellently illustrated profile sheets published from the LANUK agency (<https://www.lanuk.nrw.de/publikationen/arbeitsblaetter>) as a reference these keys and the other mentioned are powerful tools to start and work with chironomid larval identification in Europe.



Orendt, C. & Bendt, Th. 2025. Tanypodinae and Tanytarsini (Diptera: Chironomidae). Keys to Central European larvae using mainly macroscopic characters. DGL- Tools No. 1-2025 (DGL-Arbeitshilfe 1-2025). Editor: DGL e. V. German Limnological Society), 98 p., ISBN 978-3-9827220-0-9.

Orders: geschaeftsstelle@dgl-ev.de

Price: 30.00 € + shipping costs

Preview and keys to the other chironomid subfamilies: <https://hydro-bio.de/chironomidae.htm>

Identification keys of Chironomidae larvae in brackish waters of Germany and adjacent areas.

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. The monograph comprises (1) an introductory section, including data on the relevant taxa and their ecology as well as instructions concerning methods and key operation; (2) the identification key; and (3) profile sheets with morphological and biological data on each taxon. These taxon portraits serve also for quality assurance of the identification results.

The key is built from macroscopically visible features as much as feasible. Where a compound microscope is needed, the required preparations are kept as simple as possible.”

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. It is available in an English and a German edition.”



Identification Keys for Larvae of Chironomidae (Diptera) in Brackish Waters of Germany and Adjacent Areas



ISSN 2194-7902

Orendt, C., Dettinger-Klemm, A. & Spies, M. 2024. Identification keys of Chironomidae larvae in brackish waters of Germany and adjacent areas. Revised version in English language. Reports of the Quality Assurance Panel of the German Marine Monitoring Programme of the North Sea and the Baltic Sea 2024/14. Editor: Federal Environment Agency, Berlin, 242 p., ISSN 2194-7902. Price: free of charge

Order: petra.schilling@uba.de

Preview and other chironomid keys: <https://hydro-bio.de/chironomidae.htm>

Subfossil Chironomidae of the Western and Eastern Carpathians: a new identification guide to larval chironomid remains of Carpathian lake-sediments

The guide to Chironomidae larval remains from lake sediments in the Western and Eastern Carpathians is the culmination of decades of dedicated research and hundreds of field expeditions to mountain lakes in Slovakia, Poland, Ukraine, and Romania.

Nestled within the dramatic landscapes of the Carpathian Mountains, these lakes are not only strikingly beautiful but also serve as time capsules, preserving vital information for reconstructing past environmental and climate processes.

The guide provides identification keys for more than 100 chironomid taxa from six subfamilies, recorded in over 70 lakes. Each species, morphotype, and genus is documented with high-quality photographs and follows up-to-date taxonomy. The keys are preceded by a general introduction to the study area and a historical overview of chironomid research in the Carpathians. For each genus or morphotype, ecological insights and the most plausible palaeoecological interpretations are summarized.

The Subfossil Chironomidae of the Western and Eastern Carpathians is an important resource not only for chironomid experts, teachers, and students of aquatic ecology and palaeoecology, but also for ecologists and conservationists dedicated to understanding and protecting the Carpathians and their unique biodiversity.

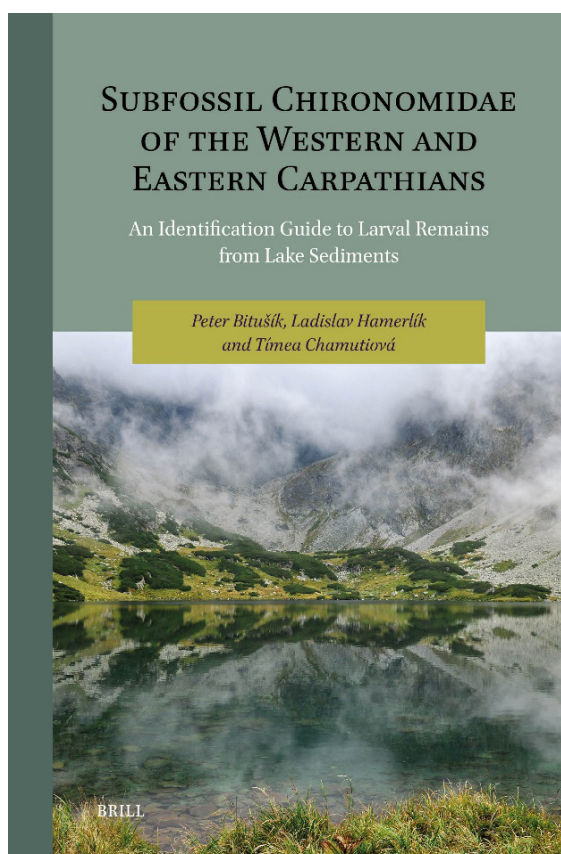


FIGURE 1.6 View of the Tatra Mountains forest- and subalpine lakes up to ~1600 m a.s.l.: a Vyšné Rakytové pleso; b Smrekovické pleso; c Jamské pleso; d Popradské pleso; e Morské Oko (on the left) and part of Czarny Staw pod Bysami (on the right); f Kolové pleso; g Veľké Biely pleso; h Dolné Boháčske pleso
PHOTO L. HAMERLÍK (A-C, E-G) AND P. BITUŠÍK (D,H)

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