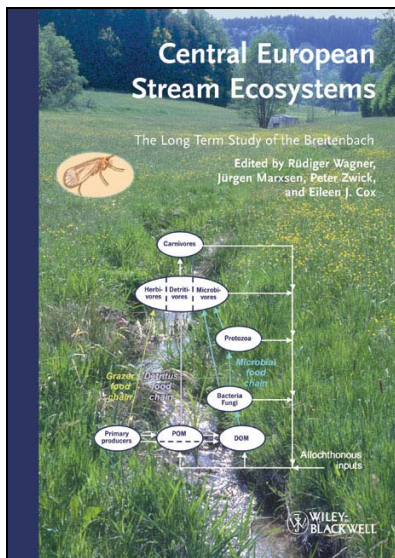


FRESHWATER ECOLOGY

Wagner, R., Marxsen, J., Zwick, P., Cox, E.J. (Eds.)

Central European Stream Ecosystems

The Long Term Study of the Breitenbach



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The Breitenbach, probably the best-studied stream on earth, was the object of an unparalleled long term Ecosystem Study carried out from 1969 to 2006 by the Limnologische Fluss-Station Schlitz (Germany), part of the former Max Planck Institute for Limnology (now MPI for Evolutionary Biology). The focus of the book is on animal and microorganism population dynamics and activities, as well as on environmental characteristics. This book is an invaluable synopsis for ecologists, limnologists and hydrologists, with the Breitenbach serving as a comprehensive example of a typical stream.

Currently at the University of Kassel, **Rüdiger Wagner** gained his scientific degrees from the Justus-Liebig University in Giessen. From 1978 to 2006 he was an assistant at the Limnologische Fluss-Station Schlitz (LFS). In 2007 he was awarded the „Meigen Medaille“ by the German Society for General and Applied Entomology (DGaaE). He is a member of several journal advisory boards, a referee for universities and governments, and an honorary member of advisory councils in nature conservation.

Jürgen Marxsen obtained his PhD from the University of Kiel and the Max Planck Institute of Limnology. He was a scientific assistant at the LFS from 1977 until 2006, when he joined the Department of Animal Ecology at the University of Giessen. His research has been published in leading professional journals and books, and

his main interests are stream and groundwater microbial ecology, particularly the role of bacteria in the carbon flow, bacterial production, extracellular enzyme activity, application of molecular biology techniques, and the impact of climatic change on running waters.

Currently a professor in Marburg, **Peter Zwick** studied in Berlin and Kiel where he graduated in 1969. He became a member of staff at Schlitz the same year and workgroup leader in 1982. Following his lecturing qualification in 1977 he taught at Kassel University, and for one year was a visiting scientist at Monash University, Melbourne. He holds the „Fabricius Medaille“ awarded by the DGaaE and his research on morphology, phylogeny and ecology of Plecoptera and other aquatic insects has been published in around 250 papers as well as two books.

With degrees from Bristol University, **Eileen J. Cox** was a DFG-funded research fellow in Schlitz from 1985 until 1988, and then a scientific assistant for one year. Among her key positions, she has worked at Sheffield University and the Natural History Museum, London, where she is now Head of Postgraduate Studies. She was president of the British Phycological Society and of the International Society for Diatom Research. Her research focusing on diatom taxonomy, systematics, ecology and development has appeared in over 100 publications.

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