

235♂, coll.González. - El Bosque (Cádiz), 380m, 13.7.1990, leg.González: 4 ♂, coll.Malicky; 393 ♂, coll.González. - Huerta Hedionda (Cádiz), 320m, Río Tavizna, leg. et coll.González: 6.7.1986, 21 ♂; 15.7.1990, 438 m. - Benamahoma (Cádiz), 400m, arroyo del Descansadero, leg. et coll.González, 12.7.1990, 2 ♂. - Corteconcepción (Huelva), 350m, Sierra de Aracena, arroyo de los Molinillos, leg. et coll.González, 21.7.1986, 30 ♂. - Jaén, 570m, Río Guadalbuyon, leg.V.Monserrat, coll.González, 30.5.1986, 1 ♂. - Maroc: Tetuan, 90m, 30.5.1971, leg.Bender, coll.Malicky: 1♂, 1♀. - Oukaimeden, 2600m, 19.9.-2.10.1973, leg.Friedel, coll.Malicky: 1♂, 3♀. - do. 2500-2900m, 11.-30.7.1971, leg.Bender, coll.Malicky: 1 ♂, 4 ♀. - Timahbdite (Azrou-Midelt), 1800m, leg. et coll.González, 27.5.1987, 1 ♂.

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Book Review

Studies in Crenobiology. The biology of springs and springbrooks. Edited by L.Botosaneanu. 1998, 262 pages, hardbound. ISBN 90-73348-04-8. Price NLG 160.-. Backhuys Publishers, Leiden, The Netherlands.

This book, presented in high quality printing and binding, is not a synthesis of present knowledge, but it gives an overview of current research in some of its aspects. Most of the 18 chapters by authors from North America and Europe, with two exceptions, are in English; two are in German and one in French. They are arranged in the manner of a congress proceedings, although (as far as the reader can suppose) no such congress has occurred.

Topics include the influence of light and water chemistry on spring vegetation, faunistic studies in various types of springs in Australia, Illinois, Germany and Denmark; several review articles on various aspects of spring ecology and communities; studies on Trichoptera (Ptilocolepinae; Trichoptera in springs in California, Germany and Italy); studies on Amphipoda, Ostracoda, water mites, chironomids and other Diptera, and a study on migration patterns of arthropods along a thermal spring rheocrene.

The book includes many stimulating ideas for future research, but they are too many to be listed here. I wonder if more volumes of this kind will be produced, with more different topics and dealing with other parts of the world. They would certainly be welcomed by fellow workers, except for the probable high price.

Ma.



Book Review

A revision of the neotropical species of the genus *Chimarra*, subgenus *Chimarra* (Trichoptera: Philopotamidae). Roger J.Blahnik. 1998. *Memoirs of the American Entomological Institute** 59, vi+318 pp. - ISSN 1-887988-03-3. [*3005 SW 56th Avenue, Gainesville, Florida USA 32608-5047]. US\$ 65.-.

Originally a doctoral thesis (or, at least, part of one) this book is a delight. It can make no claim to completeness, nor does it. Indeed, Blahnik states that it is but a beginning - a jumping off point, or foundation for future work. It is, in part, a gathering together of present knowledge. In the preface he waxes elegant re. the delights of the work and, despite employing necessary current methodology, he eschews the dry sterilities of cladistic or phylogenetic analyses for the underlying history (or story, as he puts it) told by the taxa in question.

Ninety four species of this huge World-wide genus are presented, 34 being new, all in 19 species groups. Four new synonymies are recognised. Following the usual introductory topics is the Systematic Account - the bulk of the text, with a key, to males, from family level to species.

Generic and subgeneric diagnoses are given. Species are fully redescribed, or described if new. Illustrations to males (and females when available), and distribution maps are grouped together at the end of the Account, but illustrations and maps for species groups run together.

The remainder of the book is largely taken up with Phylogenetic Relationships. Each species group is treated separately, each with its own cladogram. Relations between these groups are discussed at the end, without a cladogram.

A consideration of various aspects of *C.(Chimarra)* biogeography, the Literature Cited, an Appendix (locale information for specimens illustrated), and a species index wind up this outstanding contribution to knowledge of neotropical *Chimarra*.

An expanded review, precluded here by time constraints, may soon appear elsewhere.

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Information wanted: Mongolia caddisfly records.

ZOBODAT - www.zobodat.at

Zoologisch-Botanische Datenbank/Zoological-Botanical Database

Digitale Literatur/Digital Literature

Zeitschrift/Journal: [Braueria](#)

Jahr/Year: 1999

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Artikel/Article: [List of research workers on Trichoptera 26](#)