A fundamental review of all species and subspecies of *Mesocyclops* encountered in the territory of Mexico, a biogeographical transition zone where the Neotropical Region bounds the Nearctic Region in the south.

The book begins with a sketch of the history of taxonomic studies on Copepoda from North America, Central America, the Caribbean Islands and Mexico, with special reference to Cyclopoida and *Mesocyclops*. The first part of the book also includes a brief introduction devoted to collection, preservation and study techniques, and the general morphology of the adult. Diagnosis and keys for identification of orders, families, subfamilies and genera of Cyclopoida recorded from Mexico follow, concluding with a list of species of the genus *Mesocyclops*. The bulk of the text is comprised of the systematic account, including detailed and well-illustrated descriptions of 10 species and one subspecies. For each species treated, the following information is included: scientific name, synonyms, list of localities of material examined, a very detailed description of the specimens (females, and also males in most cases) with all their appendages, including details often omitted in the traditional studies, which provide a great deal of taxonomic information, and sometimes remarks. Much effort has been put into the plates and illustrations, which constitute 340 excellent line drawings and 161 scanning electron micrographs.

The following chapter contains a pictorial key as a complementary identification system, with additional explanatory line drawings to indicate those structures with significant differences. The geographic distribution of treated species is discussed and illustrated with a map for each species and three additional maps including Central America, the Caribbean Islands, tropical South America, and the remaining species of *Mesocyclops* found in these regions.

Two sections complete the book; the first being an interesting discussion of the situation of the Mexican species of *Mesocyclops* in the context of the current taxonomic knowledge of this genus. In the last section, the feeding of Mexican species of *Mesocyclops* and their possible contribution to the control of mosquito larvae are analyzed from the insight provided by mandible shape and size. The book ends with a complete and updated bibliography including about 200 references. This publication was carefully produced, with typographical errors reduced to a minimum. A short errata accompanies the volume.

In summary, this book not only fills a much-needed gap in the literature of regional freshwater fauna but also is a valuable contribution to the taxonomy of *Mesocyclops*. Consequently, serious Cyclopoida systematists, especially those working with Neotropical fauna, will want to add this book to their library.

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