## **ACKNOWLEDGMENTS**

I am deeply indebted to John Tanton for funds to transcribe a significant portion of the dictated first draft of this book. I thanked Gene Odum in the Foreword, but I feel it appropriate to again state my gratitude—had his suggestion not been made, I would likely have continued devoting all my professional time to journal articles, book chapters, or other books

The dictated, first draft of this volume was transcribed by Teresa Moody and Eva Call, and Darla Donald and Karen Cairns transcribed more recent, handwritten drafts.

This book probably would not have been possible had it not been for the retirement contract I signed with Virginia Tech in late 1994 and early 1995 (effective 1 June 1995). The contract permitted me to retain my office and necessary laboratory space for myself, my senior technician B. R. Niederlehner, and my editorial assistant Darla Donald, as well as for my remaining graduate students, the last of whom was John Heckman. Since I am a University Distinguished Professor of Environmental Biology, I reported, at that time, to President Paul E. Torgersen; Senior Vice-President and Provost Peggy S. Meszaros; Dean Robert C. Bates, College of Arts and Sciences; and Joe R. Cowles, Head, Department of Biology. At present, I am indebted to President Charles W. Steger; Provost M. G. McNamee; Dean Lay Nam Chang, College of Arts and Sciences; and Robert H. Jones, Head, Department of Biology. These individuals enabled me to continue my professional career with editorial assistant Darla Donald at this institution.

I am also indebted to former students Kenneth L. Dickson, William T. Waller, and Richard E. Sparks for remembering some events from our first years at this institution; to David Orvos, John P. Slocomb, Anthony F. Maciorowski, and James R. Pratt for recollections of events in the middle period; and Karen Holl and John Heckman for recalling events in the final years. David Hart, Director of the Patrick Center (at its inception, the Limnology Department) of the Academy of Natural Sciences of Philadelphia, helped with many historic events regarding that department. John Paul Cherry, Director of the Northeastern Regional Research Center, US Department of Agriculture Laboratory at Wyndmoore, PA, furnished information about persons for whom I worked during my employment there.

Also, much needed assistance was provided by Ruthanne L. Krauss (Swarthmore College) and Thomas Dolan IV, Stuart S. Bamforth, and Herbert Levi (original river survey team members). Roger Kaesler and Hampton Shirer (both University of Kansas) have gone well beyond the bounds of professional courtesy in helping me construct events of the past.

In addition, I am indebted to the many people with whom I had the honor of working and without whom my investigations would have been much more difficult and less exciting.

- Robert K. Enders, my advisor at Swarthmore College and throughout my career until his death
- Everett C. Hunt, Dean, Swarthmore College, who admitted me as a student after World War II, despite my unimpressive academic record and my truthful but unflattering admission to him that I chose Swarthmore because I could live inexpensively with my mother-in-law, whose house was within commuting distance
- David H. Wenrich, my advisor for both the MS and PhD degrees, who also recommended me to Ruth Patrick as protozoologist for one of the river survey teams
- Ruth Patrick, who provided my first professional position and with whom I had the pleasure of working from 1948 through 1966 and on whom I have depended for advice and counsel since then
- The 74 graduate students whose committees I chaired or co-chaired and with whom many of my papers were published
- The post-doctoral fellows who were responsible for invaluable assistance on numerous research grants and projects

Special thanks to Kenneth L. Dickson, Jeanne Ruthven, Richard E. Sparks, and William T. Waller, who moved to Virginia Polytechnic Institute and State University with me from the University of Kansas and the University of Michigan Biological Station and without whom neither the Aquatic Ecology Program nor the University Center for Environmental and Hazardous

Materials Studies (UCEHMS) could have been established. Dickson was particularly helpful in the latter because he stayed after graduation for many years as assistant director and a professor in the Department of Biology. Later, both James R. Pratt and David Orvos served as Assistant to the Director, UCEHMS.

Heartfelt thanks and appreciation to Darla Donald, who started working with me in 1975 and who has been of enormous assistance on all publications since then, including this one, and to B. R. Niederlehner, who began working with me in 1974 and who has been a tower of strength in both basic research and publications since then. Both Darla Donald and B. R. Niederlehner continued working with me when I officially retired in 1995. Without them, my productivity in publications and research would have been substantially reduced.

Last, but not least, I express appreciation to a long line of persons who transcribed my dictation—starting with my spouse Jean, who suffered through my first attempts at dictation. In order to produce a book for the American Institute of Biological Sciences Patterns of Life series, I had no other choice but to dictate in the evenings and on weekends and holidays. Each one in the succession of people since then is acknowledged in appropriate publications, including this book, transcribed by Teresa Moody, Eva M. Call, Darla Donald, and Karen Cairns.

Three people, with whom I have published for extended periods, deserve special mention: Arthur Scheier, through most of my years at the Academy of Natural Sciences; Roger L. Kaesler, through the years at the University of Kansas and many thereafter; and Donald S. Cherry, through practically all of my years at Virginia Tech.