

Throughout his career at Wake Forest University, Gerald Esch has worked on a series of long term projects, including at Gull Lake, Michigan and Charlie's Pond, North Carolina. Ecological Parasitology tells the story of these (and other) studies through biographical explorations of their participants. It focuses on key moments of discovery and explores how these achievements were due to collaboration, mentoring, and community building within the field of ecological parasitology. The author explores how discoveries about the biology of parasites have influenced ecological and evolutionary theories, drawing on experience from a career that has spanned nearly fifty years.

Case studies reveal:

- Dynamic reduction in metacercariae infrapopulations in larval mayflies following dramatic reversal in water quality
- Changes in population and community dynamics of parasites in reservoirs subjected to thermal and chemical pollution
- Snail Parasite Interaction
- Wide-ranging cover of ecological parasitology in aquatic ecosystems

This engaging book is most suitable for professional ecologists, professors, and students (undergraduate and postgraduate) interested in the way that science progresses through collaboration, mentoring and community-building.

About the Author

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Gerald W. Esch is the Charles M. Allen Professor of Biology at Wake Forest University, North Carolina where he has been a member of the faculty for fifty years. He served as Editor of the Journal of Parasitology for 19 years, is co-author of *Parasitism: The diversity and ecology of animal parasites*, 2nd Edition (2014), and co-editor of *A Century of Parasitology* (2015). He was a Special Editor for the Journal of Parasitology during its centennial year of publication (2014). In 1992, he received the Louis T. Benezet Award Distinguished Alumnus Award from his undergraduate institution, Colorado College. He was a recipient of the Clark P. Read Mentor Award in 1999 from the American Society of Parasitologists, was elected Vice President of the Society in 2014, and will serve as President-Elect and President in the following two years.

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