

# Contemporary Acarology

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Jose Carlos Verle Rodrigues ·  
H. Joel Hutcheson  
Editors

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*Editors*

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The original version of this book was revised: The affiliation of the first editor's name has now been corrected. The correction is available at [https://doi.org/10.1007/978-3-030-17265-7\\_7](https://doi.org/10.1007/978-3-030-17265-7_7)

# Introduction

The Acarological Society of America is the only professional group in the United States and Canada dedicated to the study of mites. The ASA currently has just shy of 100 active members and holds an annual meeting just prior to and concurrently with the Entomological Society of America annual national meeting.

Papers at the annual meeting have historically been presented at two sessions: one that served as a platform for students to showcase their work and another general session for all acarologists that was sometimes organized in honor or memoriam of influential members. However, recent interest has been such that four sessions were required in 2018 and are expected for the 2019 meeting. Presented papers have covered any and every aspect of acarology, including taxonomy, systematics, and phylogenetics; natural history; morphology; field and laboratory techniques, including specialized imaging, microscopy, and genetics processes; and applied issues such as control methods of different pest species.

This volume represents the first time papers presented at an annual ASA meeting have been collected into a print volume. The topics covered herein are diverse and include the first phylogenetic hypothesis for Cunaxidae based on morphological evidence; new field techniques for collecting soft ticks; the use of Ion Torrent Personal Genome Machine to sequence endosymbionts and pathogens directly from hard ticks; investigations into the mycobiome of tetranychoid mites; and the use of low temperature scanning electron microscopy to investigate morphological structures in Tarsonemidae.

This volume represents a collaborative effort by many people, and I thank my co-editors and the authors for their contributions. I also thank the governing board and the membership of the ASA for their support.

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