

SCIENCE

"Animal Body Size presents macroecological patterns in body size distributions for vertebrates and invertebrates and evaluations of ecological and evolutionary processes that shape body size distributions of clades and communities. Contributors emphasize patterns and processes at different taxonomic and spatial scales. Recurrent themes include life history analysis, metabolic scaling, allometry, ecogeographic and evolutionary trends in body size, ecological interactions, and biogeography. The strengths of this book lie in its broad vision of body size research, the intertwined ecological and evolutionary perspectives, and excellent bibliographies. The book will be useful as both a reference and a stimulus to new avenues of research."

Catherine Badgley, University of Michigan

"This diverse collection provides a fascinating glimpse into a fundamental property of animal communities: the distribution of body sizes. With a stimulating integration of ecology and paleobiology that addresses the interplay of structure, function, the environment, and evolutionary history, this compilation is sure to appeal to a broad readership. By bringing to the forefront a suite of unanswered questions, the contributors' efforts will motivate exciting new research into how communities are structured across space and through time."

Rebecca Terry, Oregon State University

"Felisa A. Smith, S. Kathleen Lyons, and a cadre of leaders and pioneers in their field present a comprehensive yet imminently accessible synthesis that successfully argues that size matters in more ways than we could have possibly imagined."

**Link Olson, University of Alaska
Fairbanks**

Felisa A. Smith is professor of biology at the University of New Mexico. **S. Kathleen Lyons** is a research scientist in the Department of Paleobiology at the National Museum of Natural History.

THE UNIVERSITY OF CHICAGO PRESS
www.press.uchicago.edu

ISBN-13: 978-0-226-01214-8

ISBN-10: 0-226-01214-X



Cover design: Brian Chartier

