

Preface

When Vincent Burke, then executive editor at Johns Hopkins University Press, first approached the chief editor, Michael Morrison, to lead the production of an ornithology textbook, Morrison knew he had to assemble a diverse team to accomplish such a task. This team of editors spanned a wide range of expertise and career stages, ranging from a finishing doctoral student through established scientists. The editors then spent considerable time developing a detailed outline of chapters and selecting leading experts in each subject area who would provide the latest information on research and applications in ornithology.

Our diverse team of chapter authors includes scientists from six different countries, all of whom frequently engage with students, teach or have taught ornithology, and have active research programs. In the course of creating each chapter, authors submitted detailed outlines and then drafted manuscripts that were reviewed by the volume editors. At each stage, we emphasized the breadth of topics, the depth of coverage among topics, and the suitability of the writing for the intended readership. Independent peer reviewers also reviewed each chapter and commented on depth, accuracy, and style. Although we strove, at a broad level, for consistency in writing styles, we also recognized that chapters are most compelling when authors can speak in their own voices. The result is a text in which the voice of each author is preserved, yet the content is still easily approachable for students and experts alike.

Although the textbook is intended for undergraduates and graduate students, it is also written to be useful for professionals who are experts in one or a few subject areas (e.g., ecology and behavior) and want to strengthen their understanding of others (e.g., anatomy and physiology). Each chapter includes both historical perspective and contemporary knowledge so that readers can appreciate how the understanding of each subject area has developed over time. We

emphasize the way in which the diversity of research led by ornithologists reflects not only innovation in methodological approaches and tools but also maturation of our ideas and the guiding paradigms that shape how we frame questions and interpret data.

Our intent is that each chapter will help the reader come away with an awareness of the relevant foundational ideas and emerging topics in that subject area. As such, each chapter provides a window into the dynamic field of ornithology that can serve as a starting point from which topics can be more deeply explored. We assembled the chapters into seven parts to help any reader, student, or instructor move through the material in an organized manner.

Knowing that many readers will be in early stages in their academic and professional careers, we specifically included a chapter that introduces readers to the ornithological profession, highlighting examples from different career tracks. We further incorporate into each chapter boxes that highlight and personalize the contributions of many individual ornithologists. These boxes are not intended to portray the complete history of ornithology, but rather to provide examples of major contributors to ornithological subdisciplines so students can become acquainted with some of the people responsible for the discoveries cited in the book. To facilitate understanding and recall, each chapter ends with a summary of the material covered, a discussion of potential management and conservation applications, and several suggested study questions.

The editors of this textbook are indebted to numerous colleagues, friends, and family members for ensuring that this project came to a successful completion. Most important are the nearly 60 chapter authors who spent countless hours writing their chapters, obtaining and securing permission for high-quality images and other materials, and maintaining positive spirits as they were being continually pestered by us.

The editors specifically acknowledge the guidance provided by our former editor, Vincent Burke. As someone who once taught ornithology, Dr. Burke combined years of experience working in the publishing field with years of experience as a field biologist. Tiffany Gasbarrini took over the editing duties from Burke and saw the project to completion; her guidance was extremely valuable. Meagan Szekely and Sahara Clement, editorial assistants at JHUP, were extremely knowledgeable and provided detailed guidance on a continuing basis.

Elliott Foxley, a graduate student at Texas A&M University, served as our editorial assistant and worked directly with chapter authors and JHUP to ensure that all formatting requirements were met. Ms. Foxley did a substantial amount of work on this project and was largely responsible for pulling the package together for publication.

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