

THE MOST APPROACHABLE INTRODUCTION TO THE FIELD OF MOLECULAR EVOLUTION AND PHYLOGENETICS, BLENDING STRAIGHTFORWARD EXPLANATIONS WITH CUTTING-EDGE CASE STUDIES.

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DNA can be extracted and sequenced from a diverse range of biological samples, providing a wealth of information about evolution and ecology. The analysis of DNA sequences contributes to evolutionary biology at all levels, from dating the origin of the biological kingdoms to understanding family relationships.

An Introduction to Molecular Evolution and Phylogenetics presents the fundamental concepts and intellectual tools you need to understand how the genome records information about evolutionary past and processes, plus the practical skills you need to collect DNA sequence data, analyse and interpret what it all means.

The author's novel equation-free approach and entertaining narrative make the subject readily accessible to all biologists, including those who are more comfortable with discussion and diagrams than algebra. The end-of-chapter features take you further: TechBoxes give more detail on molecular and analytical methods, Hero Boxes highlight the personal stories of scientists working in the field, and Case Studies bring the subject to life with examples of how theoretical concepts are applied in real biological research.

NEW TO THIS EDITION

- Streamlined chapter structure, with TechBoxes, Hero Boxes, and Case Studies now collected at the end of each chapter to provide an unbroken narrative
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