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## Evolutionary Biology from Concept to Application

Every biological system is the outcome of its evolution; therefore, the deciphering of its evolutionary history is of tremendous importance to understand the biology of a system.

Since 1997 scientists of different disciplines have held an annual *Evolutionary Biology Meeting* at Marseille (France) in order to discuss their research developments, exchange ideas and start collaborations. Consisting of the most representative talks of the 11th meeting, this book provides an up-to-date overview of evolutionary concepts and how these concepts can be applied to a better understanding of various biological aspects. It is divided into the following four parts:

- Modelization of Evolution
- Concepts in Evolutionary Biology
- Knowledge
- Applied Evolutionary Biology

This book is an invaluable source of information not only for evolutionary biologists, but also for biologists in general.

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