

History and Philosophy of Biology

History and Philosophy of Biology summarizes the major philosophical ideas that have attended the development of science in general and of biology in particular. The book then explores how the techniques and the concepts of the physical sciences have impacted biology. A reductionist approach to biology — anatomy, physiology, genetics — complements the study of evolution by natural selection and an ecological perspective. The final section of the book explores several examples of the influence of science on society, and of society on science.

Each of 46 chapters of *History and Philosophy of Biology* has been or could be the topic of a major tome. The book is unique in that it explores the web of interactions among issues of philosophy, techniques and concepts of the physical sciences, fields of biology, and the diverse relationships between society and science.

The book should appeal to readers of *Scientific American* or the *New York Review of Books* even if they are not trained biologists. It is a good text, or additional reading, for an advanced undergraduate course treating history and/or philosophy of biology or of science in general.

World Scientific
www.worldscientific.com
9386 sc

ISBN 978-981-6535-04-2(pbk)

