

The Society of Biology runs three awards for biology, biosciences and life sciences books. The awards celebrate outstanding textbooks aimed at undergraduates and postgraduates and general biology books.

The following authors and books were celebrated in the 2013 Book Awards.

Undergraduate textbook

Winner

Physical Biology of the Cell, 2nd edition

Rob Phillips, Jane Kondev, Julie Theriot and Hernan Garcia (Garland Science)

Shortlist

Essential Developmental Biology, 3rd edition

Jonathan Slack (Wiley-Blackwell)

Introduction to Cancer Biology

Robin Hesketh (Cambridge University Press)

Introduction to Bioorganic Chemistry and Chemical Biology

David Van Vranken & Gregory Weiss (Garland Science)

Longlist

Bioethics: an introduction

Marianne Talbot (Cambridge University Press)

Essential Reproduction, 7th edition

Martin Johnson (Wiley-Blackwell)

Exploring Immunology: Concepts and Evidence

Gordon MacPherson & Jon Austyn (Wiley-Blackwell)

Human Genes and Genomes: Science, Health, Society

Leon Rosenberg & Diane Rosenberg (Academic Press)

Human Physiology, 4th edition

Gillian Pocock, Christopher D Richards & David Richards (Oxford University Press)

Physics in Biology and Medicine, 4th edition

Paul Davidovits (Academic Press)

Science Communication: A Practical Guide for Scientists

Laura Bowater & Kay Yeoman (John Wiley & Sons)

Synthetic Biology - A Primer

Baldwin, Bayer, Dickenson, Ellis, Freemont, Kitney, Polizzi & Stan (Imperial College Press)

The Molecules of Life: Physical and Chemical Principles

John Kuriyan, Boyana Konforti & David Wemmer (Garland Science)

Postgraduate textbook

Winner

Landslide Ecology

Lawrence R Walker & Aaron B Shiels (Cambridge University Press)

Highly commended

Evolutionary Perspectives on Pregnancy

John C Avise (Columbia University Press)

Shortlist

Host Manipulation of Parasites

David P Hughes, Jacques Brodeur & Frederic Thomas (Oxford University Press)

Principles of Plant Genetics and Breeding, 2nd edition

George Acquaah (John Wiley & Sons)

Longlist

Ecological and Environmental Physiology of Fishes

Brian F Eddy & Richard D Handy (Oxford University Press)

Essential Readings in Wildlife Management and Conservation

Paul R Krausman & Bruce D Leopold (Johns Hopkins University Press)

Geometric Morphometrics for Biologists: A Primer, 2nd edition

Miriam Zelditch, Donald Swiderski & David H Sheets (Academic Press)

Handbook of Systems Biology: Concepts and Insights

Marian Walhout, Marc Vidal & Job Dekker (Academic Press)

Mathematical Concepts and Methods in Modern Biology: Using Modern Discrete Models

Raina Robeva & Terrell Hodge (eds.) (Academic Press)

Primate Adaptation and Evolution, 3rd edition

John Fleagle (Academic Press)

Regenerative Biology and Medicine, 2nd edition

David Stocum (Academic Press)

Starfish: Biology and Ecology of the Asteroidea

John M Lawrence (ed) (Johns Hopkins University Press)

General biology book

Winner

Spillover: Animal Infections and the Next Human Pandemic
David Quammen (Bodley Head)

Shortlist

Anatomies
Hugh Aldersey-Williams (Viking)

My Beautiful Genome
Lone Frank, trans. Russell Dees (Oneworld)

Pieces of Light: The New Science of Memory
Charles Fernyhough (Profile)

Secret Chambers: The inside story of cells and complex life
Martin Brasier (Oxford University Press)

Longlist

Creation
Adam Rutherford (Viking)

Green Universe: A Microscopic Voyage Into the Plant Cell
Stephen Blackmore (Papadakis)

Kangaroo
John Simons (Reaktion Books)

Nature's Compass: The Mystery of Animal Navigation
James L Gould & Carol Grant Gould (Princeton University Press)

The Book of Barely Imagined Beings
Caspar Henderson (University of Chicago Press/Granta)

The Life of a Leaf
Stephen Vogel (University of Chicago Press)

The Social Conquest of Earth
E O Wilson (W W Norton)