

NEW TITLES

Prepared by Barry Cottam

Please note: Only books marked † or * have been received from publishers. All other titles are listed as books of potential interest to subscribers. Please send notice of new books to the Book Review Editor.

†Available for review *Assigned

Currency Codes: CAD Canadian Dollars, AUD Australian Dollars, USD United States Dollars, EUR Euros, GBP British Pounds.

BIOLOGY

Biodiversity and Evolution. Edited by Philippe Grandcolas and Marie-Christine Maurel. 2018. ISTE Press–Elsevier. 284 pages, 127.50 USD, Cloth, 97.75 USD, E-book.

The Biology of Parasites. By Richard Lucius, Brigitte Loos-Frank, Richard P. Lane, Robert Poulin, Craig W. Roberts, and Richard K. Grensis. Translated by Renate FitzRoy and Ron Shankland. 2017. Wiley-Blackwell. 472 pages, 118.75 CAD, Cloth.

Biology of Sex. By Alex Mills. 2018. University of Toronto Press. 432 pages, 170.00 CAD, Cloth, 77.00 CAD, Paper, 62.00 CAD, E-book.

Is That a Bat? A Guide to Non-Bat Sounds Encountered During Bat Surveys. By Neil Middleton. 2020. Pelagic Publishing. 288 pages, 59.39 CAD, Paper.

The Evolutionary Biology of Species. Oxford Series in Ecology and Evolution. By Timothy G. Barraclough. 2019. Oxford University Press. 288 pages, 90.00 CAD, Cloth, 45.95 CAD, Paper. Also available as an E-book.

Field and Laboratory Methods in Animal Cognition: A Comparative Guide. Edited by Nereida Bueno-Guerra and Federica Amici. 2018. Cambridge University Press. 456 pages, 137.95 CAD, Cloth, 62.95 CAD, Paper, 44.00 USD, E-book.

Fundamentals of Microbiome Science: How Microbes Shape Animal Biology. By Angela E. Douglas. 2018. Princeton University Press. 248 pages, 39.50 USD, Cloth. Also available as an E-book.

Mate Choice: The Evolution of Sexual Decision Making from Microbes to Humans. By Gil G. Rosenthal. 2017. Princeton University Press. 648 pages, 55.00 USD, Cloth. Also available as an E-book.

Quantitative Biology: Theory, Computational Methods, and Models. Edited by Brian Munsky, William S. Hlavacek, and Lev S. Tsimring. 2018. MIT Press. 728 pages, 70.00 USD, Cloth.

Social Evolution and Inclusive Fitness Theory: An Introduction. James A.R. Marshall. 2019. Princeton

University Press. 216 pages, 27.95 USD, Paper. Cloth and E-book editions published in 2015.

BOTANY

Applied Tree Biology. By Andrew D. Hirons and Peter A. Thomas. 2018. Wiley Blackwell. 432 pages, 62.00 CAD, Paper, 49.99 CAD, E-book.

The Great Fen: A Journey Through Time. By Alan Bowley. Illustrated by Oliver Bowley. Foreword by Tony Juniper. 2019. Nature Bureau Pisces Publications. 194 pages, 27.50 GBP, Cloth.

The Nature of Plants: An Introduction to How Plants Work. By Craig N. Huegel. 2019. University Press of Florida. 288 pages, 24.95 USD, Paper.

The Sphagnum Species of the World. Bibliotheca Botanica Series, Volume 162. By Dierk Michaelis. 2019. Schweizerbart Science Publishers. 435 pages and 219 plates, 159.00 EUR, Cloth.

Sprout Lands: Tending the Everlasting Gift of Trees. By William Bryant Logan. 2019. W.W. Norton. 384 pages, 27.95, Cloth, 17.95 USD, Paper.

Trees of Life. By Max Adams. 2019. Apollo. 256 pages, 9.99 GBP, Paper.

Witness Tree: Seasons of Change with a Century-Old Oak. By Lynda V. Mapes. 2017. Bloomsbury USA. 240 pages, 27.00 USD, Cloth, 18.90 USD, E-book.

CLIMATE CHANGE

Biodiversity and Climate Change: Transforming the Biosphere. Edited by Thomas E. Lovejoy and Lee Hannah. Foreword by Edward O. Wilson. 2019. Yale University Press. 416 pages, 40.00 USD, Paper.

Floating Coast: An Environmental History of the Bering Strait. By Bathsheba Demuth. 2019. W.W. Norton. 416 pages, 27.95 USD, Cloth, 17.95 USD, Paper.

Invasive Species and Global Climate Change. Edited by Lewis Ziska and Jeffery Dukes. 2019. CABI. 366 pages, 70.00, Paper. Cloth edition published in 2014.

Living in the Anthropocene: Earth in the Age of Humans. Edited by W. John Kress and Jeffrey K. Stine. Foreword by Elizabeth Kolbert. Afterword by Edward O. Wilson. 2017. Smithsonian Books in association with Smithsonian Institution Scholarly Press. 208 pages, 34.95 USD, Cloth.

Losing Earth: A Recent History. By Nathaniel Rich. 2019. Farrar, Strauss and Giroux. 224 pages, 25.00 USD, Cloth, 16.00 USD, Paper.

Structures of Coastal Resilience. By Catherine Seavitt Nordenson, Guy Nordenson, and Julia Chapman. 2018. Island Press. 248 pages, 80.00 USD, Cloth, 45.00 USD, Paper or E-book.

When The Seas Rise: Global Changes and Local Impacts. By Heather Dewar. 2016. University Press of Florida. 120 pages, 14.95 USD, Paper.

CONSERVATION & ECOLOGY

Abundant Earth: Toward an Ecological Civilization. By Eileen Crist. 2020. University of Chicago Press. 288 pages, 105.00 USD, Cloth, 35.00 USD, Paper. Also available as an E-book.

Climate Change Impacts on Urban Pests. CABI Climate Change Series 10. Edited by Partho Dhang. 2017. CABI. 200 pages, 132.80 USD, Cloth.

Community-Based Control of Invasive Species. Edited by Paul Martin, Theodore R. Alter, Donald W. Hine, and Tanya M. Howard. 2019. CABI. 288 pages, 105.00 USD, Cloth.

Complex Ecology: Foundational Perspectives on Dynamic Approaches to Ecology and Conservation. Edited by Charles G. Curtin and Timothy F.H. Allen. 2018. Cambridge University Press. 594 pages, 140.00 USD, Cloth, 54.99 USD, Paper.

Conservation Biology. By Bradley Cardinale, Richard Primack, and James Murdoch. 2019. Sinauer Associates, an imprint of Oxford University Press. 672 pages, 114.95 CAD, Cloth. Also available as an E-book.

Ecological Effects of Electricity Generation, Storage and Use. By Peter Henderson. 2018. CABI. 240 pages, 45.00 USD, Paper.

Ecoviews Too: Ecology for All Seasons. By Whit Gibbons and Anne R. Gibbons. 2017. University of Alabama Press. 224 pages, 24.95 USD, Paper or E-book.

Evolutionary Community Ecology. Monographs in Population Biology, Volume 58. By Mark A. McPeck. 2017. Princeton University Press. 324 pages, 60.00 USD, Cloth.

The Fall of the Wild: Extinction, De-Extinction, and the Ethics of Conservation. By Ben A. Minteer. 2018. Columbia University Press. 192 pages, 28.00 USD, Cloth, 27.99 USD, E-book.

Forests Adrift: Currents Shaping the Future of Northeastern Trees. By Charles D. Canham. 2020. Yale University Press. 240 pages, 28.00 USD, Paper.

Marine Conservation. By P. Keith Probert. 2017. Cambridge University Press. 517 pages, 99.99 USD, Cloth, 54.99 USD, Paper.

Open Ecosystems: Ecology and Evolution Beyond the Forest Edge. By William J. Bond. 2019. Oxford University Press. 192 pages. 75.00 CAD, Cloth. Also available as an E-book.

The Rights of Nature: A Legal Revolution That Could Save the World. By David R. Boyd. 2017. ECW Press. 312 pages, 12.95 CAD, Paper, 14.99 CAD, E-book.

ENTOMOLOGY

Bees of Australia: A Photographic Exploration. By James Dorey. 2018. CSIRO Publishing. 222 pages, 49.99 AUD, Paper.

Courtship and Mating in Butterflies. By R.J. Cannon. 2020. CABI. 384 pages and 242 colour photographs, 160.00 USD, Cloth.

The Dark Side of the Hive: The Evolution of the Imperfect Honey Bee. By Robin Moritz and Robin Crewe. 2018. Oxford University Press. 203 pages, 80.00 CAD, Cloth. Also available as an E-book.

The Discovery of a Visual System—The Honeybee. By Adrian Horridge. 2019. CABI. 296 pages, 120.00 USD, Cloth.

Dragonflies & Damselflies: A Natural History. By Dennis Paulson. 2019. Princeton University Press. 224 pages, 29.95 USD, Paper.

The Economics of Integrated Pest Management of Insects. Edited by David W. Onstad and Philip Crain. 2019. CABI. 232 pages, 120.00 USD, Cloth.

Forest Insect Population Dynamics, Outbreaks, and Global Warming Effects. By A.S. Isaev, V.G. Soukhovolsky, O.V. Tarasova, E.N. Palnikova, and A.V. Kovalev. 2017. Wiley and Scrivener Publishing. 304 pages, 281.00 CAD, Cloth.

Insects and Society. By Timothy D. Schowalter. 2019. CRC Press. 306 pages and 157 colour illustrations, 87.99 GBP, Cloth, 43.99 GBP, Paper. Also available as an E-book.

Insect Behavior: From Mechanisms to Ecological and Evolutionary Consequences. Edited by Alex Córdoba-Aguilar, Daniel González-Tokman, and Isaac González-Santoyo. 2018. Oxford University Press. 404 pages, 100.00 USD, Cloth, 49.95 USD, Paper.

Insect Collection and Identification: Techniques for the Field and Laboratory. By T.J. Gibb and C. Oseto. 2019. Academic Press. 342 pages, 76.95 GBP, Paper.

Insect Conservation: A Global Synthesis. By Michael J. Samways. 2019. CABI. 600 pages, 205.00 USD, Cloth, 90.00 USD, Paper.

Insects Did It First. By Gregory S. Paulson and Eric R. Eaton. 2018. Xlibris Corporation. 156 pages, 29.99 USD, Cloth, 19.99 USD, Paper, 3.99 USD, E-book.

Insect Mouthparts: Form, Function, Development and Performance. Edited by Harald W. Krenn. 2019. Springer Nature. 695 pages, 159.99 USD, Cloth, 119.99 USD, E-book.

Life Cycles of British & Irish Butterflies. By Peter Eeles. Foreword by Chris Packham. 2019. NatureBureau. 400 pages and 1300 colour photos and maps, 35.00 GBP, Cloth.

True Bugs of the World (Hemiptera: Heteroptera): Classification and Natural History. Monograph Series Volume 8. By Randall T. Schuh and Christine Weirauch. 2020. Siri Scientific Press. 800 pages, 129.99 GBP, Cloth.

Stingless Bees of Mexico: The Biology, Management and Conservation of an Ancient Heritage. By José Javier G. Quezada-Euán. 2018. Springer International Publishing. 304 pages, 169.99 USD, Cloth, 159.99 USD, Paper, 119.00 USD, E-book.

Urban Landscape Entomology. By David Held. 2019. Academic Press. 224 pages, 79.96 USD, Paper or E-book.

Wasp. By Richard Jones. 2019. Reaktion Books. 208 pages and 114 illustrations, 12.95 GBP, Paper.

HERPETOLOGY

Fossil Frogs and Toads of North America. Life of the Past. By J. Alan Holman. 2018. University of Indiana Press. 261 pages, 30.00 USD, Paper. Originally published in 2013.

Salamanders: Habitat, Behavior and Evolution. Edited by Rashid Gerasimov. 2019. Nova Science Publishers. 154 pages, 82.00 USD, Paper.

ICHTHYOLOGY

Age and Growth of Fishes: Principles and Techniques. Edited by Michael C. Quist and Daniel A.

Isermann. 2017. American Fisheries Society. 359 pages, 79.00 USD, Cloth.

The Behavior and Ecology of Pacific Salmon and Trout. Second Edition. By Thomas P. Quinn. 2018. University of Washington Press in association with the American Fisheries Society. 554 pages, 60.00 USD, Paper.

From Catastrophe to Recovery: Stories of Fishery Management Success. Edited by Charles C. Krueger, William W. Taylor, and So-Jung Youn. 2019. American Fisheries Society. 530 pages, 79.00 USD, Paper.

Fishes of the Salish Sea. Volume One: Puget Sound and the Straits of Georgia and Juan de Fuca. By Theodore Pietsch and James Wilder Orr. Illustrated by Joseph R. Tomelleri. 2019. Heritage House. 1032 pages, 179.00 CAD, Cloth.

Managing Centrarchid Fisheries in Rivers and Streams. Edited by Michael J. Siepker and Jeffrey W. Quinn. 2019. American Fisheries Society. 270 pages, 79.00 USD, Paper.

The Ocean Ecology of Pacific Salmon and Trout. Edited by Richard J. Beamish. 2018. American Fisheries Society. 1090 pages, 98.00 USD, Cloth.

Paddlefish: Ecological, Aquacultural, and Regulatory Challenges of Managing a Global Resource. Edited by Jason D. Schooley and Dennis L. Scarnecchia. 2019. American Fisheries Society. 290 pages, 79.00 USD, Paper.

Trout and Char of the World. Edited by Jeffrey L. Kershner, Jack E. Williams, Robert E. Gresswell, and Javier Lobón-Cervía. 2019. American Fisheries Society. 800 pages, 79.00 USD, Paper.

ORNITHOLOGY

Kingfisher. By Ildiko Szabo. 2019. Reaktion Books. 208 pages and 90 colour plates, 19.95 USD, Paper.

Owls of the World: A Photographic Guide. Second Edition. By Heimo Mikkola. 2019. Firefly Books. 528 pages, 49.95 CAD, Flexibound Cloth, 44.95 CAD, Flexibound Paper.

Red Coats and Wild Birds: How Military Ornithologists and Migrant Birds Shaped Empire. Flows, Migrations, and Exchanges Series. By Kirsten A. Greer. 2020. University of North Carolina Press. 190 pages, 90.00 USD, Cloth, 29.95 USD, Paper, 22.99 USD, E-book.

A Season on the Wind: Inside the World of Spring Migration. By Kenn Kaufman. 2019. Houghton

Mifflin Harcourt. 288 pages, 26.00 USD, Cloth, 14.99 USD, E-book.

White Feathers: The Nesting Lives of Tree Swallows. 2020. By Bernd Heinrich. Houghton Mifflin Harcourt. 256 pages, 27.00 USD, Cloth.

ZOOLOGY

Bat Surveys for Professional Ecologists: Good Practice Guidelines. Third Edition. Edited by Jan Collins. Foreword by Julia Hanmer and Kit Stoner. 2016. Bat Conservation Trust. 103 pages, Paper. Non-printable PDF available at https://cdn.bats.org.uk/pdf/Resources/Bat_Survey_Guidelines_2016_NON_PRINTABLE.pdf?mtime=20181115113931.

Black Bears: A Natural History. Second Edition. By Dave Taylor. 2020. Fitzhenry and Whiteside. 288 pages, 40.00 USD, Paper.

Biodemography: An Introduction to Concepts and Methods. By James R. Carey and Deborah A. Roach. Foreword by James W. Vaupel. 2020. PUP. 480 pages, 60.00 USD, Cloth.

Biology and Conservation of Musteloids. Edited by David W. Macdonald, Chris Newman, and Lauren A. Harrington. 2018. Oxford University Press. 672 pages, 137.50 CAD, Cloth, 115.95 CAD, Paper.

The Champions of Camouflage. By Jean-Philippe Noël. 2019. Firefly Books. 160 pages and 110 colour photographs, 35.00 CAD, Cloth.

Extinction and Evolution: What Fossils Reveal about the History of Life. By Niles Eldredge. 2019. Firefly Books. 256 pages and 160 colour plates, 29.95 CAD, Paper. Originally published in 2014.

Guide to Venomous and Medically Important Invertebrates. By David E. Bowles, James A. Swaby, and Harold J. Harlan. 2018. CSIRO Publishing. 237 pages, 59.99 AUD, Paper.

Handbook of Whales, Dolphins and Porpoises of the World. By Mark Carwardine. 2020. Princeton University Press. 528 pages, 1000 colour illustrations, and 90 maps, 35.00 CAD, Paper.

Narwhal: Revealing an Arctic Legend. Edited by William W. Fitzhugh and Martin T. Nweeia. 2017. IPI Press and Arctic Studies Center, National Museum of Natural History (Smithsonian Institution). 261 pages, 30.00 USD, Paper. This book is the companion to the exhibit "Narwhal: Revealing an Arctic Legend" at the Smithsonian Institution's National Museum of Natural History.

***Voices of Marine Mammals: William E. Schevill and William A. Watkins: Pioneers in Bioacoustics.** 2019. New Bedford Whaling Museum. 125 pages and flexi-disc insert of audio recordings, 29.99 USD, Paper.

OTHER

All Things Harmless, Useful, and Ornamental: Environmental Transformation through Species Acclimatization, from Colonial Australia to the World. By Pete Minard. 2019. University of North Carolina Press. 208 pages, 90.00 USD, Cloth, 32.95 USD, Paper, 25.99 USD, E-book.

Animal Welfare in a Changing World. Edited by Andrew Butterworth. 2018. CABI. 320 pages, 140.00 USD, Cloth, 75.00 USD, Paper.

Being a Scientist: Tools for Science Students. By Michael H. Schmidt. 2019. University of Toronto Press. 320 pages, 63.75 CAD, Cloth, 36.95 CAD, Paper, 26.95 CAD, E-book.

That Wild Country: An Epic Journey through the Past, Present, and Future of America's Public Lands. By Mark Kenyon. 2019. Little A [Amazon Publishing imprint]. 300 pages, 31.12 CAD, Cloth, 14.42 CAD, Paper.

Extinction Studies: Stories of Time, Death, and Generations. Edited by Deborah Bird Rose, Thom van Dooren, and Matthew Chrulew. Foreword by Cary Wolfe. 2017. Columbia University Press. 256 pages, 90.00 USD, Cloth, 30.00 USD, Paper or E-book.

The Fruitful City: The Enduring Power of the Urban Food Forest. By Helena Moncrieff. 2018. ECW Press. 224 pages, 22.95 CAD, Paper, 16.99 CAD, E-book.

Geology of New Brunswick and Prince Edward Island Field Guide. 2019. Boulder Books. 300 pages, 34.95 CAD, Paper.

Modern Plant Hunters: Adventures in Pursuit of Extraordinary Plants. By Sandy Primrose. 2020. Pimpernel Press. 272 pages, 30.00 GBP, Cloth.

North America's Galapagos: The Historic Channel Islands Biological Survey. By Corinne Heyning Laverty. 2019. University of Utah Press. 384 pages, 29.95 USD, Paper, 24.00 USD, E-book.

Overrun: Dispatches from the Asian Carp Crisis. By Andrew Reeves. 2019. ECW Press. 384 pages, 22.95 CAD, Paper, 16.99 CAD, E-book.

Phylogenetic Diversity: Applications and Challenges in Biodiversity Science. Edited by Rosa A.

Scherson and Daniel P. Faith. 2018. Springer International Publishing. 224 pages, 159.99 USD, Cloth or Paper, 119.00 USD, E-book.

Sampling Theory for the Ecological and Natural Resource Sciences. By David G. Hankin, Michael S. Mohr, and Kenneth B. Newman. 2019. Oxford University Press. 368 pages, 105.00 CAD, Cloth, 55.00 CAD, Paper. Also available as an E-book.

Smitten by Giraffe: My Life as a Citizen Scientist. Footprints Series, No. 22. By Anne Innis Dagg. 2016. McGill-Queen's University Press. 256 pages, 34.95 CAD, Cloth. Also available as an E-book.

Swamp: Nature and Culture. By Anthony Wilson. 2017. Reaktion Books. 248 pages, 14.95 GBP, Paper.

Synergistic Selection: How Cooperation Has Shaped Evolution and the Rise of Humankind. By Peter Corning. 2018. World Scientific. 304 pages, 78.00 USD, Cloth, 29.95 USD, Paper, 19.95 USD, E-book.

The Theory of Evolution: Principles, Concepts, and Assumptions. Edited by Samuel M. Scheiner and David P. Mindell. 2020. UCP. 464 pages, 120.00 USD, Cloth, 45.00 USD, Paper. Also available as an E-book.

Why Study Biology by the Sea? Edited by Karl S. Matlin, Jane Maienschein, and Rachel A. Ankeny. 2019. University of Chicago Press. 344 pages, 135.00 USD, Cloth, 45.00 USD, Paper or E-book.