

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—or copies for review—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.

BOTANY

Anatomy of Flowering Plants: An Introduction to Structure and Development. Fourth Edition. By Paula J. Rudall. 2020. Cambridge University Press. 139 pages and 73 black and white photos and illustrations, 39.95 CAD, Paper.

Bark: A Field Guide to Trees of the Northeast. By Michael Wotech. Foreword by Tom Wessels. 2020. Brandeis University Press. 280 pages, 283 colour plates, 151 halftones, and 65 maps, 29.95 USD, Paper.

***Flora of Oregon. Volume 1: Pteridophytes, Gymnosperms, and Monocots.** Edited by Stephen C. Myers, Thea Jaster, Katie E. Mitchell, and Linda K. Hardiston. 2015. OregonFlora, Oregon State University, and Botanical Research Institute of Texas. 608 pages, 520 black and white figures and maps, and 73 landscape colour photos, 75.00 USD, Cloth.

***Flora of Oregon. Volume 2: Dicots A-F.** Edited by Stephen C. Myers, Thea Jaster, Katie E. Mitchell, Tanya Harvey, and Linda K. Hardiston. 2020. OregonFlora, Oregon State University, and Botanical Research Institute of Texas. 880 pages, 785 black and white figures and maps, and 96 landscape colour photos, 85.00 USD, Cloth.

***Herbarium: The Quest to Preserve and Classify the World's Plants.** By Barbara M. Thiers. 2020. Timber Press. 304 pages, 40.00 USD, Cloth, 30.05 USD, E-book.

Remarkable Trees. By Christina Harrison and Tony Kirkham. 2019. UCP. 256 pages and 225 colour plates, 32.50 USD, Cloth.

The Curious World of Seaweed. By Josie Iselin. 2019. Heyday Books. 256 pages and 350 photographs and images, 35.00 USD, Cloth or E-book.

The Wardian Case: How a Simple Box Moved Plants and Changed the World. By Luke Keogh. 2020. Royal Botanic Gardens, Kew. 288 pages, 19 colour plates, and 40 halftones, 35.00 USD, Cloth. Also available as an E-book.

CLIMATE CHANGE AND CONSERVATION

Cataclysms: An Environmental History of Humanity. By Laurent Testot. Translated by Katharine Throssell. 2020. University of Chicago Press. 480 pages, 35.00 USD, Cloth or E-book.

Chocolate Crisis: Climate Change and Other Threats to the Future of Cacao. By Dale Walters. 2021. University of Florida Press. 230 pages, 40.00 USD, Cloth. Also available as an E-book.

Climate in Motion: Science, Empire, and the Problem of Scale. By Deborah R. Coen. 2020. University of Chicago Press. 464 pages, 40.00 USD, Cloth, 30.00 USD, Paper. Also available as an E-book.

Foresters, Borders, and Bark Beetles: The Future of Europe's Last Primeval Forest. By Eunice Blavascunas. 2020. Indiana University Press. 236 pages, 75.00 USD, Cloth, 24.00 USD, Paper or E-book.

†**Fossilized: Environmental Policy in Canada's Petro-Provinces.** By Angela V. Carter. 2020. UBC Press. 244 pages, 75.00 CAD, Cloth, 32.95 CAD, E-book.

Habitat Ecology and Analysis. By Joseph A. Veech. 2021. Oxford University Press. 240 pages and 47 colour illustrations, 100.00 CAD, Cloth, 49.95 CAD, Paper. Also available as an E-book.

Marine Conservation: People, Ideas and Action. By Bob Earll. 2018. Pelagic Publishing. 314 pages, 43.17 CAD, Paper.

Standing between Life and Extinction: Ethics and Ecology of Conserving Aquatic Species in North American Deserts. Edited by David Propst, Jack Williams, Kevin Bestgen, and Christopher Hoagstrom. Foreword by Senator Tom Udall. 2021. UCP. 496 pages, 90 color plates, and 22 halftones, 150.00 Cloth, 65.00 Paper. Also available as an E-book.

The Citizen's Guide to Climate Success: Overcoming Myths that Hinder Progress. By Mark Jaccard. 2020. Cambridge University Press. 304 pages, 68.95 CAD, Cloth, 22.95 CAD, Paper. Also available as an E-book.

There Is No Planet B: A Handbook for the Make or Break Years. Updated Edition. By Mike Berners-Lee. 2021. Cambridge University Press. 336 pages, 14.95 USD, Paper.

Woodland Survey Handbook: Collecting Data for Conservation in British Woodland. By Keith Kirby and Jeanette Hall. 2019. Pelagic Publishing. 220 pages, 51.80 CAD, Paper.

ENTOMOLOGY AND ARACHNOLOGY

Diptera: An Introduction to Flies. By Nikita Vikhrev. 2020. Privately Published. 160 pages, with colour photos, 14.99 GBP, Cloth. First published in Russian in 2019; English version substantially extended and revised by the author and editors. Available through NHBS, Natural History Book Service, <https://www.nhbs.com/publisher/nikita-vikhrev-privately-published>.

Ecological and Economic Entomology: A Global Synthesis. By Brian Freeman. 2020. CABI. 784 pages, 275.00 USD, Cloth, 90.00 USD, EPDF, 75.00 USD, E-book.

Les insectes du Québec et autres arthropodes terrestres. Par Étienne Normandin. 2020. Les Presses de l'Université de Montréal. 612 pages et plus de 3300 photos couleur, 49.95 CAD, Papier.

†**Lyme Disease, Ticks and You: A Guide to Navigating Tick Bites, Lyme Disease and Other Tick-Borne Infections.** By Shelley Ball. 2021. Firefly Books. 128 pages, 19.95 CAD, Paper.

Mosquitoes of the World, Volumes 1 and 2. By Richard C. Wilkerson, Yvonne-Marie Linton, and Daniel Strickman. 2021. Johns Hopkins University Press. 1332 pages, 199 line drawings, and 168 colour plates, 195.00 USD, Cloth or E-book.

Papillons de nuit et chenilles du Québec et des Maritimes. Séri Guides Nature Quintin. Par Stéphane Le Tirant et Michel Leboeuf. 2018. Éditions Nature Quintin. 336 pages, 39.95 CAD, Papier.

Pollinators & Pollination: Nature and Society. By Jeff Ollerton. 2021. Pelagic Publishing. 300 pages and 78 colour illustrations, 43.54 CAD, Paper.

Spider Webs: Behavior, Function, and Evolution. By William G. Eberhard. 2020. University of Chicago Press. 816 pages, 195 colour photos, and 97 line drawings, 75.00 USD, Cloth. Also available as an E-book.

HERPETOLOGY

Galapagos Giant Tortoises. Biodiversity of the World: Conservation from Genes to Landscapes Series. Edited

by James Gibbs, Linda Cayot, and Washington Tapia A. 2020. Elsevier Academic Press. 536 pages, 90.00 USD, Cloth or E-book, 120.00 USD, Cloth and E-book.

Turtle. By Louise M. Pryke. 2021. Reaktion Books. 200 pages and 100 illustrations, 12.95 GBP, Paper.

ORNITHOLOGY

Bird Senses: How and What Birds See, Hear, Smell, Taste, and Feel. By Graham R. Martin. 2020. Pelagic Publishing. 270 pages, 50.98 CAD, Paper.

Birds: An Anthology. Edited by Jaqueline Mitchell. 2020. Bodleian Library, University of Oxford. 272 pages, 25 halftones, 25.00 USD, Cloth.

Fragile: Birds, Eggs and Habitats. By Colin Prior. 2020. Merrell Publishers. 240 pages, 130.00 AUD, Cloth.

European Breeding Bird Atlas 2: Distribution, Abundance and Change. By Verena Keller, Sergi Herrando, Petr Vorišek, Martí Rodríguez-Franch, Marina Kipson, Pietro Milanese, David Martí, Marc Anton, Alena Klvanová, Mikhail V. Kalyakin, Hans-Günther Bauer, and Ruud P.B. Foppen. 2020. Lynx Edicions. 90.00 EUR, Cloth.

The Art of Birds: Grace and Motion in the Wild. By Jim Miller. 2021. University Press of Florida. 208 pages and 120 colour photos, 49.95 CAD, Cloth.

†**The Bird-Friendly City: Creating Safe Urban Habitats.** By Timothy Beatley. 2020. Island Press. 272 pages, 35.00 USD, Cloth or E-book.

The Largest Avian Radiation: The Evolution of Perching Birds, or the Order Passeriformes. Edited by Jon Fjeldså, Les Christidis, and Per G.P. Ericson. 2020. Lynx Edicions. 345 pages, 80.00 EUR, Cloth.

The Swallow: A Biography. By Stephen Moss. 2020. Square Peg. 195 pages, 27.99 CAD, Cloth.

What Is a Bird? An Exploration of Anatomy, Physiology, Behavior, and Ecology. Edited by Tony D. Williams. 2020. Princeton University Press. 368 pages and 400 colour photos and illustrations, 35.00 USD, Cloth. Also available as an E-book.

ZOOLOGY

Bears of the World: Ecology, Conservation and Management. Edited by Vincenzo Penteriani and Mario Melletti. Foreword by Tim Clutton-Brock. 2021. Cambridge University Press. 388 pages, 166.95 CAD, Cloth, 116.00 USD, E-book.

Birds and Mammals of the Galapagos. Lynx and BirdLife International Field Guides. By Dušan M. Brinkhuizen and Jonas Nilsson. 2020. Lynx Edicions. 660 pages and 110 colour maps, 35.50 EUR, Cloth, 29.95 EUR, Flexibound.

Felids and Hyenas of the World: Wild Cats, Panthers, Lynx, Pumas, Ocelots, Caracals, and Relatives. Princeton Field Guides Series. By José R. Castelló. Foreword by Alexander Sliwa and Andrew C. Kitchener. 2020. Princeton University Press. 280 pages, 79.95 USD, Cloth, 29.95 USD, Paper.

Freshwater Fishes of North America, Volume 2: Characidae to Poeciliidae. Edited by Melvin L. Warren, Jr., and Brooks M. Burr with Anthony A. Echelle, Bernard R. Kuhajda, and Stephen T. Ross. Illustrated by Joseph R. Tomelleri. 2020. Johns Hopkins University Press. 150.00 USD, Cloth or E-book.

Shark Biology and Conservation: Essentials for Educators, Students, and Enthusiasts. By Daniel C. Abel and R. Dean Grubbs, with contribution from Tristan Gutteridge. Illustrated by Elise Pullen and Marc Dando. 2020. Johns Hopkins University Press. 424 pages and 255 photos and illustrations, 49.95 USD, Cloth or E-book.

OTHER

A Biologist Abroad. By Rory Putman. 2021. Barnes & Noble. 148 pages, 22.95 USD, Paper.

A Series of Fortunate Events: Chance and the Making of the Planet, Life, and You. By Sean B. Carroll. 2020. Princeton University Press. 224 pages, 22.95 USD, Cloth. Also available as an E-book.

Accidental Wilderness: The Origins and Ecology of Toronto's Tommy Thompson Park. By Walter H. Kehm. Photography by Robert Burley. 2020. Aevo UTP. 176 pages and 100 illustrations, 32.47 CAD, Cloth or E-book.

†**Becoming a Wildlife Professional.** Edited by Scott E. Henke and Paul R. Krausman. 2020. Johns Hopkins University Press. 232 pages, 59.95 USD, Cloth or E-book.

Biostatistics with R: An Introductory Guide for Field Biologists. By Jan Lepš and Petr Šmilauer. 2020. Cambridge University Press. 382 pages, 102.95 CAD, Cloth, 39.95 CAD, Paper, 28.00 CAD, E-book.

Dancing with Bees: A Journey Back to Nature. By Brigit Strawbridge Howard. 2020. Chelsea Green Publishing. 304 pages, 17.95 USD, Paper.

Ecology of Freshwaters: Earth's Bloodstream.

Fifth Edition. By Brian R. Moss. 2018. Wiley. 560 pages, 110.24 CAD, Paper, 88.99 CAD, E-book.

†**Game Theory in Biology: Concepts and Frontiers.** By John M. McNamara and Olof Leimar. 2020. Oxford University Press. 352 pages, 95.00 CAD, Cloth, 45.95 CAD, Paper. Also available as an E-book.

Life in Extreme Environments: Insights in Biological Capability. Ecological Reviews Series. Edited by Guido di Prisco, Howell G.M. Edwards, Josef Elster, and Ad H.L. Huiskes. 2020. Cambridge University Press. 396 pages, 130.00 USD, Cloth, 49.99 USD, Paper, 40.00 USD, E-book.

Making Modern Science. Second Edition. By Peter J. Bowler and Iwan Rhys Morus. 2020. University of Chicago Press. 608 pages, 35.00 USD, Paper. Also available as an E-book.

Measuring Abundance: Methods for the Estimation of Population Size and Species Richness. By Graham Upton. 2020. Pelagic Publishing. 229 pages, 110 black and white figures, and 52 tables, 129.51 CAD, Cloth, 60.44 CAD, Paper.

†**Natural Capital and Exploitation of the Deep Ocean.** Edited by Maria Baker, Eva Ramirez-Llodra, and Paul Tyler. 2020. Oxford University Press. 240 pages, 100.00 CAD, Cloth, 50.00 CAD, Paper.

Nose Dive: A Field Guide to the World's Smells. By Harold McGee. 2020. Appetite by Random House. 688 pages, 42.00 CAD, Cloth, 18.99 CAD, E-book.

Ponds and Small Lakes: Microorganisms and Freshwater Ecology. By Brian Moss. 2017. Pelagic Publishing. 224 pages, 34.52 CAD, Paper.

River Networks as Ecological Corridors: Species, Populations, Pathogens. By Andrea Rinaldo, Marino Gatto, and Ignacio Rodriguez-Iturbe. 2020. Cambridge University Press. 64.99 USD, Cloth.

†**Rivers and Sustainable Development: Alternative Approaches and Their Implications.** By S. Nazrul Islam. 2020. Oxford University Press. 488 pages, 85.00 CAD, Cloth. Also available as an E-book.

Saving Tarboo Creek: One Family's Quest to Heal the Land. By Scott Freeman. Illustrated by Susan Leopold Freeman. 2018. Workman. 224 pages, 25.95 USD, Paper, 19.95 USD, E-book.

Serendipity: An Ecologist's Quest to Understand Nature. By James A. Estes. Foreword by Harry W. Greene. 2020. University of California Press. 256 pages, 29.95 USD, Cloth or E-book, 24.95 USD, Paper.

Statistics for Ecologists Using R and Excel: Data Collection, Exploration, Analysis and Presentation. Second Edition. By Mark Gardener. 2017. Pelagic Publishing. 401 pages, 196 figures, and 107 tables, 102.82 CAD, Cloth, 59.97 CAD, Paper.

The Genesis Quest: The Geniuses and Eccentrics on a Journey to Uncover the Origin of Life on Earth. By Michael Marshall. 2020. University of Chicago Press. 368 pages, 26.00 USD, Cloth or E-book.

The Pelagic Dictionary of Natural History of the British Isles: Descriptions of all Species with a Common Name. By Peter Jarvis. 2020. Pelagic Publishing. 549 pages, 60.44 CAD, Cloth.

The Reindeer Chronicles and Other Inspiring Stories of Working with Nature to Heal the Earth. By Judith D. Schwartz. 2020. Chelsea Green

Publishing. 256 pages, 17.95 USD, Paper.

***The World in a Grain: The Story of Sand and How It Transformed Civilization.** By Vince Beiser. 2019. Riverhead Books. 304 pages, 17.00 USD, Paper, 4.99 USD, E-book (2018).

Timefulness: How Thinking Like a Geologist Can Help Save the World. By Marcia Bjornerud. 2020. Princeton University Press. 224 pages, 24.95 USD, Cloth, 16.95 USD, Paper. Also available as an E-book.

Wetland, Woodland, Wildland: A Guide to the Natural Communities of Vermont. Second Edition. By Elizabeth H. Thompson, Eric R. Sorenson, and Robert J. Zaino. 2019. Chelsea Green Publishing. 256 pages, 17.95 USD, Paper.

What Is Life? Five Great Ideas in Biology. By Paul Nurse. 2021. W.W. Norton. 160 pages, 20.00 USD, Cloth.