

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.

BIOLOGY

The Atlantic Walrus: Multidisciplinary Insights into Human-Animal Interactions. Edited by Xénia Keighley, Morten Tange Olsen, Peter D. Jordan, and Sean P.A. Desjardins. 2021. Academic Press. 344 pages, 102.00 USD, Paper or E-book, 120.00 USD, bundled.

A History of Biology. By Michel Morange. Translated by Teresa Lavender Fagan Joseph Muise. 2021. Princeton University Press. 448 pages, 29.95 USD, Cloth.

†**Male Choice, Female Competition, and Female Ornaments in Sexual Selection.** By Ingo Schlupp. 2021. Oxford University Press. 176 pages, 65.00 CAD, Cloth. Also available as an E-book.

Mammalian Paleocology: Using the Past to Study the Present. By Felisa A. Smith. 2021. Johns Hopkins University Press. 280 pages, 79.95 USD, Cloth or E-book.

†**Medicinal Mushrooms of Western North America.** By Robert Rogers and J. Duane Sept. 2020. Calypso Publishing. 96 pages and 87 colour photos, 14.95 CAD, Paper.

Mushrooms of British Columbia. Royal BC Museum Handbook. By Andy MacKinnon and Kem Luther. 2021. Royal BC Museum. 504 pages, 34.95 CAD, Paper. Also available as an E-book.

Myxomycetes: Biology, Systematics, Biogeography, and Ecology. Second Edition. Edited by Carlos Rojas Alvarado and Steven L. Stephenson. 2021. Academic Press. 566 pages, 127.50 USD, Paper.

In Search of Mycotopia: Citizen Science, Fungi Fanatics, and the Untapped Potential of Mushrooms. By Doug Bierend. 2021. Chelsea Green Publishing. 336 pages, 24.95 USD, Cloth.

Secret Worlds: The Extraordinary Senses of Animals. By Martin Stevens. 2021. Oxford University Press. 272 pages, 25.95 CAD, Cloth. Also available as an E-book.

The Theory of Ecological Communities. Monographs in Population Biology Series. By Mark Velend. 2020. Princeton University Press. 248 pages, 49.95 USD, Cloth, 35.00 USD, Paper. Also available as an E-book.

Understanding Animal Behaviour: What to Measure and Why. By Sergio Pellis and Vivien Pellis. 2021. Cambridge University Press. 166 pages, 84.99 USD, Cloth, 34.99 USD, Paper, 28.00 USD, Adobe eBook.

BOTANY

†**Ash.** By Edward Parker. 2021. Reaktion Books. 224 pages and 80 colour plates, 27.00 USD, Cloth.

Evolution Made to Order: Plant Breeding and Technological Innovation in Twentieth-Century America. By Helen Anne Curry. 2021. University of Chicago Press. 295 pages, 36.00 USD, Paper.

Finding the Mother Tree: Discovering the Wisdom of the Forest. By Suzanne Simard. 2021. Allen Lane. 368 pages, 34.95 CAD, Cloth, 41.00 CAD, Large Print Paper, 15.99 CAD, E-book.

†**Flora of North America: Volume 10, Magnoliophyta: Proteaceae to Elaeagnaceae.** By Flora of North America Editorial Committee. 2021. Oxford University Press. 488 pages, 95.00 CAD, Cloth.

Lives of Weeds: Opportunism, Resistance, Folly. By John Cardina. 2021. Cornell University Press. 296 pages, 24.95 USD, Paper, 11.99 USD, E-book.

The Nature of Oaks: The Rich Ecology of Our Most Essential Native Trees. By Douglas W. Tallamy. 2021. Workman. 200 pages, 27.95 USD, Cloth, 21.95 USD, E-book.

Nature Remade: Engineering Life, Envisioning Worlds. Edited by Luis A. Campos, Michael R. Dietrich, Tiago Saraiva, and Christian C. Young. 2021. University of Chicago Press. 320 pages, 135.00 USD, Cloth, 45.00 USD, Paper or E-book.

Roots to Seeds: 400 Years of Oxford Botany. By Stephen A. Harris. 2021. Bodleian Library, University of Oxford. Distributed by University of Chicago Press. 224 pages and 80 colour plates, 60.00 USD, Cloth.

Treepedia: A Brief Compendium of Arboreal Lore. Pedia Book Series. By Joan Maloof. Illustrated by Maren Westfall. 2021. Princeton University Press. 152 pages, 16.95 USD, Cloth. Also available as an E-book.

Tropical Arctic: Lost Plants, Future Climates, and the Discovery of Ancient Greenland. By Jennifer McElwain, Marlene Hill Donnelly, and Ian Glasspool. 2021. University of Chicago Press. 144 pages and 91 colour plates, 30.00 USD, Cloth, 22.99 USD, PDF or EPUB.

CONSERVATION AND CLIMATE CHANGE

The Anthropocene Disruption. By Robert William Sandford. 2019. Rocky Mountain Books. 168 pages, 20.00 CAD, Cloth.

Conservation Science and Advocacy for a Planet in Peril: Speaking Truth to Power. Edited by Dominick DellaSala. 2021. Elsevier. 450 pages, 99.95 USD, Paper.

Is CITES Protecting Wildlife? Assessing Implementation and Compliance. By Tanya Wyatt. 2021. Routledge. 128.00 USD, Cloth, 37.56 USD, Paper, 42.25 USD, E-book.

†**Conservation Technology.** Edited by Serge A. Wich and Alex K. Piel. 2021. Oxford University Press. 328 pages, 49.95 CAD, Cloth. Also available as an E-book.

Conserving the Oceans: The Politics of Large Marine Protected Areas. By Justin Alger. 2021. Oxford University Press. 248 pages, 74.00 CAC, Cloth. Also available as an E-book.

The Empty Sea: The Future of the Blue Economy. By Ilaria Perissi and Ugo Bardi. 2021. Springer International Publishing. 224 pages and 87 black and white illustrations, 39.99 USD, Cloth, 29.99 USD, E-book.

†**The Environmentalist's Dilemma: Promise and Peril in an Age of Climate Crisis.** By Arno Kopecky. 2021. ECW Press. 300 pages, 24.95 CAD, Paper, 16.99 CAD, E-book or PDF.

Handbook of Citizen Science in Ecology and Conservation. Edited by Christopher A. Lepczyk, Owen D. Boyle, and Timothy L.V. Vargo. Foreword by

Reed F. Noss. 2020. University of California Press. 336 pages, 85.00 USD, Cloth, 39.95 USD, Paper or E-book.

Strange Natures: Conservation in the Era of Synthetic Biology. By Kent H. Redford and William M. Adams. 2021. Yale University Press. 296 pages, 32.50 USD, Cloth.

Taking a Break from Saving the World: A Conservation Activist's Journey from Burnout to Balance. By Stephen Legault. 2020. Rocky Mountain Books. 168 pages, 20.00 CAD, Paper.

Why Biodiversity Loss Is Not a Disaster. By Bas Haring. 2021. Leiden University Press. Distributed by University of Chicago Press. 88 pages, 17.50 USD, Paper.

Why Nature Conservation Isn't Working: Understanding Wildlife in the Modern World. By A. Spalding. 2021. Siri Scientific Press. 160 pages, 14.99 GBP, Paper.

ECOLOGY

***Applications for Advancing Animal Ecology.** By Michael L. Morrison, Leonard A. Brennan, Bruce G. Marcot, William M. Block, and Kevin S. McKelvey. 2021. Johns Hopkins University Press. 264 pages, 69.95 USD, Cloth. Also available as an E-book.

†**Beavers: Ecology, Behaviour, Conservation, and Management.** By Frank Rosell and Róisín Campbell-Palmer. 2021. Oxford University Press. 512 pages, 100.00 CAD, Cloth, 49.95 CAD, Paper. Also available as an E-book.

Ecology and Natural History. New Naturalist Series, Volume 143. By David Wilkinson. 2021. William Collins (HarperCollins Imprint). 384 pages, 135.00 CAD, Cloth, 65.00 CAD, Paper, 60.99 CAD, E-book.

Ocean Ecology: Marine Life in the Age of Humans. By J. Emmett Duffy. 2021. Princeton University Press. 464 pages, 80.00 USD, Cloth. Also available as an E-book.

†**Predator Ecology: Evolutionary Ecology of the Functional Response.** By John P. DeLong. 2021. Oxford University Press. 176 pages, 45.95 CAD, Cloth. Also available as an E-book.

†**A Primer of Life Histories: Ecology, Evolution, and Application.** By Jeffrey A. Hutchings. 2021. Oxford University Press. 240 pages and 135 illustrations, 42.95 CAD, Cloth. Also available as an E-book.

Scaling in Ecology with a Model System. Monographs in Population Biology Series. By Aaron M. Ellison and Nicholas J. Gotelli. 2021. Princeton University Press. 336 pages, 110.00 USD, Cloth, 50.00 USD, Paper. Also available as an E-book.

***Wildlife Management and Landscapes: Principles and Applications.** Edited by William F. Porter, Chad J. Parent, Rosemary A. Stewart, and David M. Williams. 2021. Johns Hopkins University Press. 360 pages, 74.95 USD, Cloth or E-book.

ENTOMOLOGY

Ant Architecture: The Wonder, Beauty, and Science of Underground Nests. By Walter R. Tschinkel. 2021. Princeton University Press. 248 pages and 105 colour illustrations, 29.95 USD, Cloth. Also available as an E-book.

Beetles of Western North America. By Arthur V. Evans. 2021. 624 pages, 45.00 USD, Paper. Also available as an E-book.

Common Bees of Eastern North America. Princeton Field Guides. By Olivia Messinger Carril and Joseph S. Wilson. 2021. Princeton University Press. 288 pages, 75.00 USD, Cloth, 27.95 USD, Paper. Also available as an E-book.

Crop Pollination by Bees, Volume 1: Evolution, Ecology, Conservation, and Management. Second Edition. By Keith Delaplane. 2021. CABI. 192 pages, 67.50 USD, Paper or E-book.

Edible Insects: A Global History. By G.L. Hunter. 2021. Reaktion Books. 176 pages and 61 colour illustrations, 11.99 GBP, Cloth.

†**The Silken Thread: Five Insects and Their Impacts on Human History.** By Robert N. Wiedemann and J. Ray Fisher. 2021. Oxford University Press. 296 pages and 55 illustrations, 39.95 CAD, Cloth. Also available as an E-book.

A Faunal Review of Aleocharine Beetles in the Rapidly Changing Arctic and Subarctic Regions of North America (Coleoptera, Staphylinidae). By Jan Klimaszewski, Adam J. Brunke, Derek S. Sikes, Mikko Pentinsaari, Benoît Godin, Reginald P. Webster, Anthony Davies, Caroline Bourdon, and Alfred F. Newton. 2021. Springer Nature. 704 pages and 307 colour illustrations, 149.99 GBP, Cloth.

Gardening for Bumblebees: A Practical Guide to Creating a Paradise for Pollinators. By Dave Goulson. 2021. Square Peg. 288 pages, 35.99 CAD, Cloth.

What Insects Do, and Why. By Ross Piper. 2021.

Princeton University Press. 224 pages and 150 colour illustrations, 27.95 USD, Cloth. Also available as an E-book.

Observing Evolution: Peppered Moths and the Discovery of Parallel Melanism. By Bruce S. Grant. 2021. Johns Hopkins University Press. 320 pages, 59.95 USD, Cloth or E-book.

Plant Galls of the Western United States. Princeton Field Guides. By Ronald A. Russo. 2021. Princeton University Press. 400 pages, 2.95 USD, Paper.

Silent Earth: Averting the Insect Apocalypse. By Dave Goulson. 2021. Jonathan Cape. 336 pages, 20.00 GBP, Cloth or E-book.

Social Butterflies. Monographs in Population Biology Series. By Henry S. Horn. 2021. Princeton University Press. 288 pages, 120.00 USD, Cloth, 39.95 USD, Paper. Also available as an E-book.

Super Fly: The Unexpected Lives of the World's Most Successful Insects. By Jonathan Balcombe. 2021. PenguinRandomHouse Canada. 352 pages, 24.00 CAD, Paper, 13.99 CAD, E-book.

HERPETOLOGY

Diamonds in the Marsh: A Natural History of the Diamondback Terrapin. New Edition. By Barbara Brennessel with a New Introduction by the author and a Foreword by Bob Prescott. 2021. Brandeis University Press. 256 pages, 27.95 USD, Paper, 22.95 USD, PDF or EPUB.

The Secret Social Lives of Reptiles. By J. Sean Doody, Vladimir Dinets, and Gordon M. Burghardt. 2021. Johns Hopkins University Press. 440 pages, 74.95 USD, Cloth or E-book.

Turtles of the World: A Guide to Every Family. By Jeffrey E. Lovich and Whit Gibbons. 2021. Princeton University Press. 240 pages, 29.95 USD, Cloth. Also available as an E-book.

ORNITHOLOGY

†**100 Flying Birds: Photographing the Mechanics of Flight.** By Peter Cavanagh. 2021. Firefly Books. 320 pages and 120 colour photographs, 49.95 CAD, Cloth.

†**Bird: Exploring the Winged World.** By Phaidon Editors. Illustrated by Katrina van Grouw and Jen Lobo. 2021. Phaidon Press. 300 colour images, 79.95 CAD, Cloth.

Bird Talk: An Exploration of Avian Communication. By Barbara Ballentine and Jeremy Hyman. Edited by Mike Webster. 2021. Comstock Publishing Associates. 192 pages, 29.95 USD, Cloth.

Birdpedia: A Brief Compendium of Avian Lore. Pedia Book Series. By Christopher W. Leahy. Illustrated by Abby McBride. 2021. Princeton University Press. 272 pages, 16.95 USD, Cloth. Also available as an E-book.

The Complete Birds of the World: Every Species Illustrated. By Norman Arlott, Ber van Perlo, Jorge R. Rodriguez Mata, Gustavo Carrizo, Aldo A. Chiappe, and Luis Huber. 2021. Princeton University Press. 640 pages and 25 000 colour illustrations, 65.00 USD, Cloth.

How Birds Evolve: What Science Reveals about Their Origin, Lives, and Diversity. By Douglas J. Futuyma. 2021. Princeton University Press. 320 pages, 29.95 USD, Cloth or E-book.

The Hummingbird Handbook: Everything You Need to Know about These Fascinating Birds. By John Shewey. 2021. Timber Press. 240 pages, 24.95 USD, Paper.

†**Infectious Disease Ecology of Wild Birds.** Edited by Jennifer C. Owen, Dana M. Hawley, and Kathryn P. Huyvaert. 2021. Oxford University Press. 304 pages, 95.00 CAD, Cloth, 49.95 CAD, Paper. Also available as an E-book.

Owls of the Eastern Ice: The Quest to Find and Save the World's Largest Owl. By Jonathan C. Slaght. 2020. Farrar, Strauss and Giroux. 368 pages, 28.00 USD, Cloth, 18.00 USD, Paper, 11.99 USD, E-book.

Peterson Field Guide to North American Bird Nests. By Casey McFarland, Matthew Monjello, and David Moskowitz. 2021. Houghton Mifflin Harcourt. 512 pages, 24.99 USD, Paper, 12.99 USD, E-book.

Swifts and Us: The Life of the Bird that Sleeps in the Sky. By Sarah Gibson. 2021. William Collins (Harper Collins imprint). 304 pages, 29.99 USD, Cloth, 14.99 USD, E-book.

ZOOLOGY

Bears of the North: A Year Inside Their Worlds. By Wayne Lynch. 2021. Johns Hopkins University Press. 352 pages and 167 colour photographs, 34.95 USD, Cloth or E-book.

***Bears: The Mighty Grizzlies of the West.** By Julie Argyle. 2021. Gibbs Smith. 224 pages, 50.00 USD, Cloth.

Fathoms: The World in the Whale. By Rebecca Giggs. 2021. Simon & Schuster. 352 pages, 27.00 USD, Cloth, 17.00 USD, Paper, 12.99 USD, E-book.

†**Evolution and Phylogeny of Pancrustacea: A Story of Scientific Method.** By Frederick R. Schram and Stefan Koenemann. 2021. Oxford University Press. 840 pages, 150.00 CAD, Cloth. Also available as an E-book.

The Handbook of Acoustic Bat Detection. By Volker Runkel, Guido Gerding, and Ulrich Marckmann. 2021. Pelagic Publishing. 216 pages, 69.39 CAD, Paper.

Orca: Shared Waters, Shared Home. By Lynda V. Mapes. 2021. Royal BC Museum. 192 pages, 49.95 CAD, Cloth.

Sharks of the World: A Complete Guide. Wild Nature Press Series. By David A. Ebert and Sarah Fowler. Illustrated by Marc Dando. Foreword by Rima Jabada. 2021. Princeton University Press. 608 pages and 2000+ illustrations, 49.95 USD, Cloth. Also available as an E-book.

Sharks, Skates, Rays and Chimeras of British Columbia. By Gordon McFarlane and Jackie King. 2020. Royal BC Museum. 232 pages, 24.95 CAD, Paper.

***Stories of Predation: 60 Years of Watching Wildlife.** By Dick Decker. 2021. Hancock House Publishers. 240 pages and 40 photos, 24.95 CAD, Paper, Cloth.

Raccoon. By Daniel Heath Justice. 2021. Reaktion Books. 224 pages and 100 illustrations, 19.95 USD, Paper or E-book.

Takaya: Lone Wolf. By Cheryl Alexander. Foreword by Carl Safina. 2020. Rocky Mountain Books. 192 pages, 30.00 CAD, Paper.

OTHER

Applied Statistics with R: A Practical Guide for the Life Sciences. By Justin C. Touchon. 2021. Oxford University Press. 336 pages, 85.00 CAD, Cloth, 42.95 CAD, Paper. Also available as an E-book.

Biological Control: Global Impacts, Challenges and Future Directions of Pest Management. Edited by Peter Mason. 2021. CRC Press. 644 pages, 128.00 USD, Cloth.

Biological Systematics: Principles and Applications. Third Edition. By Andrew V.Z. Brower and Randall T. Schuh. 2021. Cornell University Press. 456 pages, 61.95 USD, Cloth, 40.99 USD, E-book.

Converging Waters: The Beauty and Challenges of the Broughton Archipelago. Photography by Daniel Hillert. Text by Gwen Curry. 2020. Rocky Mountain Books. 176 pages, 40.00 CAD, Cloth.

The New Statistics with R: An Introduction for Biologists. Second Edition. By Andrew Hector. 2021. Oxford University Press. 288 pages, 95.00 CAD, Cloth, 45.95 CAD, Paper. Also available as an E-book.

Introduction to Fire in California. Second Edition. California Natural History Guides. By David Carle. 2021. University of California Press. 248 pages and 111 colour illustrations, 85.00 USD, Cloth, 24.95 USD, Paper or E-book.

The Pyrocene: How We Created an Age of Fire, and What Happens Next. By Stephen J. Pyne. 2021. University of California Press. 192 pages, 26.95 USD, Cloth or E-book.

The Blue Wonder: Why the Sea Glows, Fish Sing, and Other Astonishing Insights From the Ocean. By Frauke Bagusche. Foreword by Jill Heinerth. Translated by Jamie McIntosh. 2021. Greystone Books. 272 pages and 24-page colour insert, 34.95 CAD, Cloth. Also available as an E-book.

A Country No More: Rediscovering the Landscapes of John James Audubon. By Krista Elrick. 2021. George F. Thompson Publishing. 256 pages and 127 illustrations, 55.00 USD, Cloth.

Crooked Cats: Bestly Encounters in the Anthropocene. By Nayanika Mathur. 2021. University of Chicago Press. 224 pages, 27.50 USD, Paper.

Fuzz: When Nature Breaks the Law. By Mary Roach. 2021. W.W. Norton. 336 pages, 26.95 USD, Cloth.

The Environmentalist's Dilemma: Promise and Peril in an Age of Climate Crisis. By Arno Kopecky. 2021. ECW Press. 24.95 CAD, 264 pages, Paper or EPUB.

The Ghost in the Garden: In Search of Darwin's Lost Garden. By Jude Piess. 2021. Scribe Publications. 336 pages, 20.00 GBP, Cloth.

Habitats of the World: A Field Guide for Birders, Naturalists, and Ecologists. By Iain Campbell, Ken Behrens, Charley Hesse, and Phil Chaon. 2021. Princeton University Press. 568 pages, 35.00 USD, Paper. Also available as an E-book.

The Heartbeat of Trees: Embracing Our Ancient Bond With Forests and Nature. By Peter Wohlle-

ben. Translated by Jane Billingham. 2021. Greystone Books. 264 pages, 32.95 CAD, Cloth. Also available as an E-book.

Holding Back the River: The Struggle Against Nature on America's Waterways. By Tyler J. Kelley. 2021. Simon & Schuster. 256 pages, 27.00 USD, Cloth, 18.00 USD, Paper, 12.99 USD, E-book.

Human, Nature: A Naturalist's Thoughts on Wildlife and Wild Places. By Ian Carter. 2021. Pelagic Publishing. 224 pages, 27.76 CAD, Cloth.

Jungle: How Tropical Forests Shaped the World - and Us. By Patrick Roberts. 2021. Viking Books. 432 pages, 25.00 GBP, Cloth or E-book.

†**Lake Hydrology: An Introduction to Lake Mass Balance.** By William LeRoy Evans III. 2021. Johns Hopkins University Press. 440 pages, 110.00 USD, Cloth. Also available as an E-book.

The Ocean's Whistleblower: The Remarkable Life and Work of Daniel Pauly. By David Grémillet. Translated By Georgia Froman. 2021. Greystone Books. 408 pages, 38.95 CAD, Cloth.

The Ogooué Delta. Edited by Jean P. Vande Weghe and Tariq Stévant. 2021. Missouri Botanical Garden Press. 328 pages and 350 colour plates, 100.00 USD, Paper.

†**Mutation, Randomness, and Evolution.** By Arlin Stoltzfus. 2021. Oxford University Press. 288 pages, 85.00 CAD, Cloth.

Nature Fast and Nature Slow. How Life Works, from Fractions of a Second to Billions of Years. By Nicholas P. Money. 2021. Reaktion Books. Distributed by University of Chicago Press. 224 pages, 22.50 USD, Cloth or EPUB.

Not On My Watch: How a Renegade Whale Biologist Took on Governments and Industry to Save Wild Salmon. By Alexandra Morton. 2021. Royal BC Museum. 384 pages, 35.00 CAD, Cloth.

†**Plastic Legacies: Pollution, Persistence, and Politics.** Edited by Trisia Farrelly, Sy Taffel, and Ian Shaw. 2021. Athabasca University Press. 332 pages, 37.99 CAD, Paper.

Presenting Science Concisely. By Bruce Kirchoff. 2021. CABI. 152 pages, 30.00 USD, Paper or E-book.

The Sound of the Sea: Seashells and the Fate of the Oceans. By Cynthia Barnett. 2021. W.W. Norton. 432 pages, 27.95 USD, Cloth.

Spirits of the Coast: Orcas in Science, Art and His-

tory. Edited by Martha Black, Lorne Hammond, and Gavin Hanke with Nikki Sanchez. 2020. Royal BC Museum. 216 pages, 29.95 CAD, Cloth.

A Year in the Woods: Twelve Small Journeys into Nature. By Torbjørn Ekelund. Translated by Becky

L. Crook. 2021. Greystone Books. 256 pages, 32.95 CAD, Cloth.

A Trillion Trees: How We Can Reforest Our World. By Fred Pearce. 2021. Granta. 320 pages, 20.00 GBP, Cloth or E-book, 12.99 GBP, Paper.