

NEW TITLES

Prepared by Barry Cottam

Please note: Only books marked † Available for review or * Assigned 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, USD US Dollars, EUR Euros, AUD Australian Dollars, GBP British Pound.

BOTANY

Diversity and Phylogeny of the Monocotyledons: Contributions from Monocots V. Memoirs of The New York Botanical Garden Volume 118. Edited by Lisa Campbell, Jerrold I. Davis, Alan W. Meerow, Robert F. C. Naczi, Dennis W. Stevenson, and W. Wayt Thomas. 2017. New York Botanical Garden Press. 172 pages, 89.99 USD, Cloth.

Plant Life: A Brief History. By Frederick B. Essig. 2015. Oxford University Press. 280 pages, 74.00 CAD, Cloth. Also available as an E-book.

Grasses of the Great Plains. By James Stubbendieck, Stephan L. Hatch, and Cheryl D. Dunn. 2017. Texas A&M University Press. 736 pages, 50.00 USD, Cloth.

Plants of the World: An Illustrated Encyclopedia of Vascular Plant Families. By Maarten J. M. Christenhusz, Michael F. Fay, and Mark W. Chase. 2017. Royal Botanic Gardens, Kew/University of Chicago Press. 816 pages and 3000 colour plates, 95.00 USD, Cloth or E-book.

***Catalogue of the Vascular Plants of New York State. Memoirs of the Torrey Botanical Society Volume 27.** By David Werier. 2017. Torrey Botanical Society. 543 pages, 35.00 CAD, Cloth. Also available as an E-book.

Fortress Plant: How to Survive When Everything Wants to Eat You. By Dale Walters. 2017. Oxford University Press. 320 pages, 29.95 CAD, Cloth. Also available as an E-book.

The Cabaret of Plants: Forty Thousand Years of Plant Life and the Human Imagination. By Richard Mabey. 2017. W.W. Norton. 384 pages, 17.95 USD, Paper.

†Carnivorous Plants: Physiology, Ecology, and Evolution. Edited by Aaron Ellison and Lubomir Adamec. 2018. 544 pages, 125.00 CAD, Cloth. Also available as an E-book.

Plants That Kill: A Natural History of the World's Most Poisonous Plants. By Elizabeth A. Dauncey and Sonny Larsson. 2018. Princeton University Press. 224 pages, 29.95 USD, Cloth.

The Long, Long Life of Trees. By Fiona Stafford. 2017. Yale University Press. 296 pages, 18.00 USD, Paper.

***Identification of Trees and Shrubs in Winter Using Buds and Twigs.** By Bernd Schulz. 2018. Royal Botanic Gardens, Kew; distributed by University of Chicago Press. 368 pages, 45.00 GBP, 80.00 USD, Cloth.

***Flora of Florida, Volume IV: Dicotyledons, Combretaceae through Amaranthaceae.** By Richard P. Wunderlin, Bruce F. Hansen, and Alan R. Franck. 2017. University Press of Florida. 400 pages, 69.95 USD, Cloth.

ENTOMOLOGY

The Moths of America North of Mexico, Fascicle 9.5: *Pelochrista* Lederer of the Contiguous United States and Canada (Lepidoptera: Tortricidae: Eucosmini). By Donald J. Wright and Todd M. Gilligan. 2017. The Wedge Entomological Research Foundation. 376 pages, 168 species accounts, 48 plates with 720 colour photos, and 70 plates with 945 black and white line drawings, 90.00 USD, Cloth.

***The Green Menace: Emerald Ash Borer and the Invasive Species Problem.** By Jordan D. Marché II. 2017. Oxford University Press. 320 pages, 69.95 USD, Cloth.

Bees: An Identification and Native Plant Forage Guide. By Heather Holm. 2017. Pollination Press LLC. 224 pages, 29.95 CAD/USD, Paper.

Listening to the Bees. By Mark Winston and Renée Sarojini Saklikar. 2018. Harbour Publishing. 192 pages, 24.95 CAD/USD, Cloth.

Ant-Plant Interactions: Impacts of Humans on Terrestrial Ecosystems. Edited by Paulo S. Oliveira and Suzanne Koptur. 2017. Cambridge University Press. 452 pages, 84.99 USD, Cloth, 68.00 USD, E-book.

Garden Insects of North America: The Ultimate Guide to Backyard Bugs, Second Edition. By Whitney Cranshaw and David Shetlar. 2017. Princeton University Press. 704 pages and 3300 colour photos, 35.00 USD, 27.95 GBP, Paper.

A Swift Guide to Butterflies of Mexico and Central America, Second Edition. By Jeffrey Glassberg. 2018. Princeton University Press. 304 pages and 3250 colour photos and maps, 39.95 CAD, Paper. Also available as an E-book.

Hidden Kingdom: The Insect Life of Costa Rica. By Piotr Naskrecki. 2017. Comstock Publishing Associates/Zona Tropical Publications. 216 pages and 900 photos and illustrations, 34.95 USD, Paper.

ORNITHOLOGY

Bird Migration Across the Himalayas: Wetland Functioning Amidst Mountains and Glaciers. Edited by Herbert H. T. Prins and Tsewang Namgail. Foreword by The Dalai Lama. 2017. Cambridge Oxford University Press. 458 pages, 75.00 GBP, Cloth.

The Sensory Ecology of Birds. By Graham R. Martin. 2017. Oxford University Press. 320 pages, 95.00 CAD, Cloth. Also available through Oxford Scholarship Online.

Gulls of the World: A Photographic Guide. By Klaus Malling Olsen. 2018. Princeton University Press. 488 pages and 600 photos, 45.00 USD, Cloth.

At Sea with the Marine Birds of the Raincoast. By Caroline Fox. 2016. Rocky Mountain Books. 224 pages, 40.00 CAD, Cloth, 12.99 CAD, E-book.

Far from Land: The Mysterious Lives of Seabirds. By Michael Brooke. Illustrations by Bruce Pearson. 2018. Princeton University Press. 272 pages, 29.95 USD, Cloth.

The Seabird's Cry: The Lives and Loves of Puffins, Gannets and Other Ocean Voyagers. By Adam Nicolson. Illustrations by Kate Boxer. 2017. William Collins (Harper Collins imprint). 228 pages, 16.99 GBP, Cloth, 9.99 GBP, Paper or E-book.

Project Puffin: The Improbable Quest to Bring a Beloved Seabird Back to Egg Rock. By Stephen W. Kress and Derrick Z. Jackson. 2015 (Cloth), 2017 (Paper). Yale University Press. 365 pages, 30.00 USD, Cloth, 20.00 USD, Paper.

Seabirds Beyond the Mountain Crest: The History, Natural History and Conservation of Hutton's Shearwater. By

Richard Cuthbert. 2017. Otago University Press. 220 pages, 45.00 NZD, Paper.

†**The Birds at My Table: Why We Feed Wild Birds and Why It Matters.** By Darryl Jones. 2018. Comstock Publishing Associates/Cornell University Press. 352 pages, 19.95 USD, Paper.

National Geographic Field Guide to the Birds of North America, Seventh Edition. By Jon L. Dunn and Jonathan Alderfer. Illustrations by Paul Lehman. 2017. National Geographic Society. 592 pages, 29.99 USD, Paper.

Birds of Nicaragua: A Field Guide. By Liliana Chavarria-Duriaux. 2018. Cornell University Press. 346 pages, 29.95 USD, Paper.

Woodpecker. By Gerard Gorman. 2017. Reaktion Books. 224 pages, 19.95 USD, Paper.

The Enigma of the Owl: An Illustrated Natural History. By Mike Unwin and David Tipling. Foreword by Tony Angell. 2017. Yale University Press. 288 pages and 200 colour illustrations, 40.00 USD, Cloth.

One More Warbler: A Life with Birds. By Victor Emanuel with S. Kirk Walsh. 2017. University of Texas Press. 295 pages, 29.95 USD, Cloth.

The Meaning of Birds. By Simon Barnes. 2018. Pegasus Books. 208 pages, 26.95 USD, Cloth. Also available as an E-book.

Those of the Gray Wind. *The Sand Hill Cranes, New Edition.* By Paul A. Johnsgard. With a new preface and afterword by the author. 2017. University of Nebraska Press. 174 pages, 14.95 USD, Paper.

Vanished and Vanishing Parrots: Profiling Extinct and Endangered Species. By Joseph Forshaw. Illustrations by Frank Knight. 2017. Comstock Publishing Associates. 344 pages, 95.00 USD, Cloth. Also available as an E-book.

ZOOLOGY

Are We Smart Enough to Know How Smart Animals Are? By Frans de Waal. 2017. W. W. Norton. 352 pages, 27.95 USD, Cloth, 16.95 USD, Paper.

Carnivore Minds: Who These Fearsome Animals Really Are. By G. A. Bradshaw. 2017. Yale University Press. 360 pages, 35.00 USD, Cloth.

Following Fifi: My Adventures Among Wild Chimpanzees: Lessons from our Closest Relatives. By John Crocker. Foreword by Jane Goodall. 2017. Pegasus Books. 272 pages, 27.95 USD, Cloth. Also available as an E-book.

†**Evolutionary Ecology of Marine Invertebrate Larvae.** Edited by Tyler Carrier, Adam Reitzel, and Andreas Heyland. 2018. Oxford University Press. 368 pages, 105.00 CAD, Cloth, 55.00 CAD, Paper. Also available as an E-book.

Essential Fish Biology: Diversity, Structure, and Function. By Derek Burton and Margaret Burton. 2017. Oxford Univer-

sity Press. 416 pages, 105.00 CAD, Cloth, 55.00 CAD, Paper. Also available as an E-book.

Immersion: The Science and Mystery of Freshwater Mussels. By Abbie Gascho Landis. 2017. Island Press. 256 pages, 30.00 USD, Cloth or E-book.

Marine Ecosystem-Based Management in Practice: Different Pathways, Common Lessons. By Julia Wondollec and Steven Yaffee. 2017. Island Press. 288 pages, 70.00 USD, Cloth, 35.00 USD, Paper or E-book.

†**Marine Fishes of Arctic Canada.** Edited by Brian W. Coad and James D. Reist. 2017. University of Toronto Press. 632 pages and 200 illustrations, 74.96 CAD, Cloth or E-book.

The Marine World: A Natural History of Ocean Life. By Frances Dipper. Foreword by Mark Carwardine. 2017. Comstock Publishing Associates. 544 pages, 59.95 USD, Cloth.

Global Atlas of Marine Fisheries: A Critical Appraisal of Catches and Ecosystem Impacts. Edited by Daniel Pauly and Dirk Zeller. 2016. Island Press. 520 pages and 612 illustrations, 160.00 USD, Cloth, 80.00 USD, Paper, 59.99 USD, E-book.

Whales: Their Biology and Behavior. By Phillip Hammond, Sonja Heinrich, Sascha Hooker, and Peter Tyack. 2017. Cornell University Press. Comstock Publishing Associates. 144 pages, 19.95 USD, Paper.

Wildlife of the Arctic. By Richard Sale and Per Michelsen. 2018. Princeton University Press. 304 pages and 800 photos, 19.95 USD, Paper.

On the Wing: Insects, Pterosaurs, Birds, Bats and the Evolution of Animal Flight. By David E. Alexander. 2015. Oxford University Press. 224 pages, 31.95 CAD, Cloth.

†**Great Plains Bison.** Discover the Great Plains Series. By Dan O'Brien. 2017. University of Nebraska Press, Bison Books. 144 pages, 14.95 USD, Paper.

Handbook of the Mammals of the World, Volume 7. Rodents II. By Don E. Wilson, Thomas E. Lacher, Jr., and Russell A. Mittermeier. Illustrations by Toni Llobet. 2017. Lynx Edicions in association with Conservation International and IUCN. 1008 pages, 160.00 EUR, Cloth.

Biology and Conservation of Musteloids. Edited by David W. Macdonald, Chris Newman, and Lauren A. Harrington. 2018. Oxford University Press. 672 pages, 125.00 CAD, Cloth, 60.00 CAD, Paper. Also available as an E-book.

Chimpanzees and Human Evolution. Edited by Martin N. Muller, Richard W. Wrangham, and David R. Pilbeam. 2017. Belknap Press/Harvard University Press. 794 pages, 55.00 USD, Cloth.

Mimicry, Crypsis, Masquerade and other Adaptive Resemblances. By Donald L. J. Quicke. 2017. Wiley-Blackwell. 576 pages, 114.00 CAD, Cloth, 91.99 CAD, E-book.

Biochemical Adaptation: Response to Environmental Challenges from Life's Origins to the Anthropocene. By George N. Somero, Brent L. Lockwood, and Lars Tomanek.

2017. Sinauer Associates, an imprint of Oxford University Press. 572 pages, 112.95 CAD, Cloth. Also available as an E-book.

Venom: The Secrets of Nature's Deadliest Weapon. By Ronald Jenner and Eivind Undheim. 2017. CSIRO Publishing. 208 pages, 29.95 AUD, Paper.

Where the Animals Go: Tracking Wildlife with Technology in 50 Maps and Graphics. By James Cheshire and Oliver Uberti. 2017. W. W. Norton. 192 pages, 39.95 USD, Cloth.

The Pipestone Wolves: The Rise and Fall of a Wolf Family. By Günther Bloch. Photography by John E. Marriott. Foreword by Mike Gibeau. 2016. Rocky Mountain Books. 224 pages, 40.00 CAD, Cloth.

Leaving the Wild: The Unnatural History of Dogs, Cats, Cows, and Horses. By Gavin Ehringer. 2017. Pegasus Books. 336 pages, 27.95 USD, Cloth. Also available as an E-book.

OTHER

Sustaining Lake Superior: An Extraordinary Lake in a Changing World. By Nancy Langston. 2017. Yale University Press. 312 pages, 35.00 USD, Cloth.

Journeys Through Paradise: Pioneering Naturalists in the Southeast. By Gail Fishman. 2017. University Press of Florida. 328 pages, 24.95 USD, Paper.

Heart Waters: Sources of the Bow River. By Kevin Van Tighem. Photography by Brian Van Tighem. 2015. Rocky Mountain Books. 240 pages, 40.00 CAD, Cloth.

***Searching for Mary Schäffer.** Mountain Cairns: A Series on the History and Culture of the Canadian Rocky Mountains. By Colleen Skidmore. 2017. University of Alberta Press. 376 pages, 34.95 CAD, Paper, 27.99 CAD, E-book.

Orange Omelettes & Dusky Wanderers: Studies and Travels in Seychelles Over Four Decades. By Chris J. Feare. 2017. Calusa Bay Publications. 342 pages, 13.99 GBP, Paper.

***Islands of Grass.** By Trevor Herriot. Photography by Branimir Gjetvaj. 2017. Coteau Books. 224 pages, 39.95 CAD/USD, Cloth.

Invasion Dynamics. By Cang Hui and David M. Richardson. 2017. Oxford University Press. 336 pages, 115.00 CAD, Cloth, 59.95 CAD, Paper. Also available as an E-book and through Oxford Scholarship Online.

Firestorm: How Wildfire Will Shape Our Future. By Edward Struzik. 2017. Island Press. 272 pages, 30.00 USD, Cloth or E-book.

Costly Fix: Power, Politics, and Nature in the Tar Sands. By Ian Urquhart. 2018. University of Toronto Press. 384 pages, 95.00 CAD, Cloth, 39.95 CAD, Paper, 31.95 CAD, E-book.

Half-Earth: Our Planet's Fight for Life. By Edward O. Wilson. 2017. Liveright Publishing Corporation. 272 pages, 25.95 USD, Cloth, 16.95 USD, Paper.

The Archipelago of Hope: Wisdom and Resilience from the Edge of Climate Change. By Gleb Raygorodetsky. 2017. Pegasus Books. 336 pages, 28.95 USD, Cloth. Also available as an E-book.

Nature's Allies: Eight Conservationists Who Changed Our World. By Larry Neilsen. 2017. Island Press. 272 pages, 21.00 USD, Paper.

What Should a Clever Moose Eat? Natural History, Ecology, and the North Woods. By John Pastor. Foreword by Bernd Heinrich. 2016. Island Press. 336 pages, 30.00 USD, Cloth or E-book.

Essentials of Soil Science: Soil Formation, Functions, Use and Classification (World Reference Base, WRB). By Winfried Blum, Peter Schad, and Stephen Nortcliff. 2017. CSIRO Publishing. 176 pages, 59.95 AUD, Paper.

Big Pacific: An Incredible Journey of Exploration and Revelation. Edited by Rebecca Tansley. 2017. CSIRO Publishing. 240 pages, 49.95 AUD, Cloth.

Enhancing Science Impact: Bridging Research, Policy and Practice for Sustainability. By Peat Leith, Kevin O'Toole, Marcus Haward, and Brian Coffey. 2017. CSIRO Publishing. 216 pages, 59.95 AUD, Paper. Also available as an E-book.

Inheritors of the Earth: How Nature is Thriving in an Age of Extinction. By Chris D. Thomas. 2017. Allen Lane. 320 pages, 20.00 GBP, Cloth.

Wildlife, Land, and People: A Century of Change in Prairie Canada. By Donald G. Wetherell. 2016. McGill-Queen's University Press. 640 pages, 49.95 CAD, Cloth. Also available as an E-book.

The Biology of Ponds and Lakes, Third Edition. By Christer Brönmark and Lars-Anders Hansson. 2017. Oxford University Press, Biology of Habitats Series. 368 pages, 95.00 CAD, Cloth, 45.95 CAD, Paper. Also available as an E-book.

***Exploring the Limestone Barrens of Newfoundland and Labrador.** By Burzynski, M. H. Mann, and A. Marceau. 2016. Gros Morne Co-operating Association. 364 pages, 26.95 CAD, Paper.

†**The Inner Life of Animals: Love, Grief, and Compassion — Surprising Observations of a Hidden World.** By Peter Wohlleben. Translated by Jane Billinghurst. 2017. Greystone Books. 272 pages, 29.95 CAD, Cloth.

Wild Sex: The Science Behind Mating in the Animal Kingdom. By Carin Bondar. 2016. Pegasus Books. 400 pages, 27.95 USD, Cloth. Also available as an E-book.

Swamp: Nature and Culture. By Anthony Wilson. 2017. Reaktion Books. 248 pages, 24.95 USD, Paper.

Not So Different: Finding Human Nature in Animals. By Nathan H. Lents. 2017. Columbia University Press. 368 pages, 26.00 USD, Paper. Cloth and E-book published in 2016.

The Nature Fix: Why Nature Makes Us Happier, Healthier, and More Creative. By Florence Williams. 2017. W. W. Norton. 272 pages, 26.95 USD, Cloth, 15.95 USD, Paper.

Our Vanishing Glaciers: The Snows of Yesteryear and the Future Climate of the Mountain West. By Robert William Sandford. 2017. Rocky Mountain Books. 224 pages, 40.00 CAD, Cloth.

Our Place: Changing the Nature of Alberta. By Kevin Van Tighem. 2017. Rocky Mountain Books. 376 pages, 25.00 CAD, Paper, 9.99 CAD, E-book.

The Evolution Underground: Burrows, Bunkers, and the Marvelous Subterranean World Beneath our Feet. By Anthony J. Martin. 2017. Pegasus Books. 400 pages, 28.95 USD, Cloth. Also available as an E-book.

The Face of Nature: An Environmental History of the Otago Peninsula. By Jonathan West. 2017. Otago University Press. 388 pages, 49.95 NZD, Paper.