

New Titles

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cultivation along with a sporting fight. Then came the airdrops of thousands of shimmering juveniles into alpine lakes in order to support the panacea of recreational fishing. Rainbow trout was established as the artificial freshwater fish of choice.

Although it is clear that the popularity of rainbow trout (and its artificial propagation) spread around the globe as the species was introduced, *An Entirely Synthetic Fish* focuses heavily on just the American story. Short anecdotes are provided regarding Western Europe, but the widespread appearance of the species as a recreational target, to the extent of global dominance, does not receive the coverage in the book that it could. Special attention is paid, instead, to those states that initiated—and to those individuals who developed—the practice and to those who are now most affected by the consequences of the artificial introduction. An interesting account is given of the successful efforts to come full circle and remove introduced rainbow trout from alpine lakes in the Sierra Nevada mountains.

Throughout the book, Halverson reveals his personal interest in angling, but he does not hesitate to point out the apparent conflict of interest that can develop between a government agency and the fishery it manages. He states that “there is little question where self-interest lies if an agency’s budget and the employee[s]’s paychecks depend on the number of people who go fishing.” We also glimpse Halverson’s conservation ethic as he describes the return of a functional ecosystem, such as the proliferation of the native mountain yellow-legged frog on the fringes of a trout-free Sierra Nevada lake after the successful eradication of the introduced rainbows.

The ecological impacts of rainbow trout propagation and its consequences of artificial enhancement and invasive species are thoroughly covered, from competitive interactions and genetic effects to pathogen threats exacerbated by climate change. Halverson even includes an efficient retelling of the confusion of

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the names *trout* and *salmon*, applying his knack for digging out the interesting story within the overall history while still providing adequate coverage of the science.

Perhaps the greatest contribution that *An Entirely Synthetic Fish* offers its readers is in the informative and entertaining example of the rainbow trout itself. For those interested in the interplay of science and politics, particularly as they relate to natural resources and ecosystem management, this fish serves as the focal point along the arched trajectory from idea through experiment and proliferation to realization and restoration, since readers will witness the transition from the early stages of rainbow trout aquaculture to examples of active eradication.

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NEW TITLES

Agrobiodiversity Conservation: Securing the Diversity of Crop Wild Relatives and Landraces. Nigel Maxted, M. Ehsan Dullloo, Brian V. Ford-Lloyd, L. Frese, and José María Iriondo, eds. CABI, 2011. 392 pp., illus. \$180.00 (ISBN 9781845938512 cloth).

Arthropod Brains: Evolution, Functional Elegance, and Historical Significance. Nicholas James Strausfeld. Harvard University Press, 2012. 848 pp., illus. \$65.00 (ISBN 9780674046337 cloth).

Convergent Evolution: Limited Forms Most Beautiful. George McGhee. MIT Press, 2011. 336 pp., illus. \$35.00 (ISBN 9780262016421 cloth).

Getting It Across: A Guide to Effective Academic Writing. Sören Johnson.

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Techne Press, 2012. 288 pp. \$45.00 (ISBN 9789085940388 paper).

The Green Paradox: A Supply-Side Approach to Global Warming. Hans-Werner Sinn. MIT Press, 2012. 288 pp., illus. \$29.95 (ISBN 9780262016681 cloth).

Ingenious Genes: How Gene Regulation Networks Evolve to Control Development. Roger Sansom. MIT Press, 2011. 144 pp., illus. \$30.00 (ISBN 9780262195812 cloth).

Introduction to Restoration Ecology. Evelyn A. Howell, John A. Harrington, and Stephen B. Glass. Island Press, 2012. 436 pp., illus. \$90.00 (ISBN 9781597261890 cloth).

Invasive Alien Plants: An Ecological Appraisal for the Indian Subcontinent. J. R. Bhatt, J. S. Singh, S. P. Singh, R. S. Tripathi, and R. K. Kohli, eds. CABI, 2011. 328 pp., illus. \$180.00 (ISBN 9781845939076 cloth).

Marketing for Scientists: How to Shine in Tough Times. Marc J. Kuchner. Island Press, 2011. 240 pp., illus. \$19.95 (ISBN 9781597269940 paper).

Phonological Architecture: A Bio-linguistic Perspective. Bridget D. Samuels. Oxford University Press, 2011. 272 pp., illus. \$55.00 (ISBN 9780199694365 paper).

Plant Reintroduction in a Changing Climate: Promises and Perils. Joyce Maschinski and Kristin E. Haskins, eds. Island Press, 2012. 432 pp., illus. \$50.00 (ISBN 9781597268318 paper).

Polar Bears: A Complete Guide to Their Biology and Behavior. Andrew E. Derocher. Johns Hopkins University Press, 2012. 264 pp., illus. \$39.95 (ISBN 9781421403052 cloth).

The Primate Mind: Built to Connect with Other Minds. Frans B. M. de Waal and Pier Francesco Ferrari,

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Riddle of the Feathered Dragons: Hidden Birds of China. Alan Feduccia. Yale University Press, 2012. 368 pp., illus. \$55.00 (ISBN 9780300164350 cloth).

Sustainable Cities: Local Solutions in the Global South. Melanie Roberson. Practical Action Publishing, 2011. 170 pp. \$15.95 (ISBN 9781853397233 paper).

The Wandering Gene and the Indian Princess: Race, Religion, and DNA. Jeff Wheelwright. W. W. Norton, 2012. 272 pp., illus. \$26.95 (ISBN 9780393081916 cloth).

What Will Work: Fighting Climate Change with Renewable Energy, Not Nuclear Power. Kristin Shrader-Frechette. Oxford University Press, 2011. 368 pp. \$39.95 (ISBN 9780199794638 cloth).



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