

NEW TITLES

Source: BioScience, 63(8) : 687-688

Published By: American Institute of Biological Sciences

URL: <https://doi.org/10.1525/bio.2013.63.8.14>

BioOne Complete (complete.BioOne.org) is a full-text database of 200 subscribed and open-access titles in the biological, ecological, and environmental sciences published by nonprofit societies, associations, museums, institutions, and presses.

Your use of this PDF, the BioOne Complete website, and all posted and associated content indicates your acceptance of BioOne's Terms of Use, available at www.bioone.org/terms-of-use.

Usage of BioOne Complete content is strictly limited to personal, educational, and non - commercial use. Commercial inquiries or rights and permissions requests should be directed to the individual publisher as copyright holder.

BioOne sees sustainable scholarly publishing as an inherently collaborative enterprise connecting authors, nonprofit publishers, academic institutions, research libraries, and research funders in the common goal of maximizing access to critical research.

ways: rationally and spiritually. Botkin suggests that we confuse the two and hopes that “this new book helps to clarify this dilemma.” After reading the book, I am still confused. Science provides a widely accepted—and admittedly imperfect—but time-tested method to discover how nature works. Neither organized religions nor personal value systems, neither Leopold’s environmental ethics nor Botkin’s reconsiderations, can provide a universally accepted system of belief to guide our relationships to nature. What is good and should be preserved and what is bad and should be changed will always be subjective and debated. Isn’t this a good thing?

The style of writing and the book’s equal treatment of the scientific and humanistic sides of environmental issues remind me of *A Sand County Almanac* (Leopold 1949). Like Leopold, Botkin introduces topics by presenting vignettes from personal experience. He writes of flying over Venice and thinking about large-scale environmental engineering schemes, of revisiting Isle Royale in Michigan and gaining new insights into predator–prey interactions, and of exploring a water mill in New Hampshire and reflecting on how nature is different from a machine. Unlike Leopold, whose account of the dimming “fierce green fire” in the eyes of a dying wolf is etched into every reader’s mind, most of Botkin’s examples seem strained and ineffective. *A Sand County Almanac* provided both scientific and ethical inspiration for an entire conservation movement in the twentieth century. I doubt that *The Moon in the Nautilus Shell* will have a similar impact on the environmental movement of the twenty-first century.

References cited

- Botkin DB. 1990. *Discordant Harmonies: A New Ecology for the Twenty-First Century*. Replica.
- Caughley G. 1970. Eruption of ungulate populations, with emphasis on Himalayan thar in New Zealand. *Ecology* 51: 53–72.
- Kahn PGK, Pompea SM. 1978. Nautiloid growth rhythms and dynamical evolution of the Earth–Moon system. *Nature* 275: 606–611.

Landman NH, Cochran JK. 2010. Growth and longevity of nautilus. Pages 401–420 in Saunders WB, Landman NH, eds. *Nautilus: The Biology and Paleobiology of a Living Fossil*, 2nd ed. Springer.

Leopold A. 1949. *A Sand County Almanac*. Oxford University Press.

Leopold A, Sowls LK, Spencer DL. 1947. A survey of over-populated deer ranges in the United States. *Journal of Wildlife Management* 11: 162–177.

Rasmussen DI. 1941. Biotic communities of the Kaibab Plateau, Arizona. *Ecological Monographs* 11: 229–275.

JAMES H. BROWN

James H. Brown (jhbrown@unm.edu) is a distinguished professor emeritus of biology at the University of New Mexico, in Albuquerque. He is a founding member of the informal New Mexico Human Macroecology Group and a coauthor of the January 2011 article in BioScience entitled “Energetic limits to economic growth” (61: 19–26).

NEW TITLES

After the Grizzly: Endangered Species and the Politics of Place in California. Peter S. Alagona. University of California Press, 2013. 336 pp., illus. \$34.95 (ISBN 9780520275065 cloth).

Billion-Dollar Fish: The Untold Story of Alaska Pollock. Kevin M. Bailey. University of Chicago Press, 2013. 288 pp., illus. \$25.00 (ISBN 9780226022345 cloth).

Climate Forcing of Geological Hazards. Bill McGuire and Mark A. Maslin, eds. Wiley, 2013. 326 pp., illus. \$159.95 (ISBN 9780470658659 cloth).

Common Spiders of North America. Richard A. Bradley. University of California Press, 2012. 288 pp., illus. \$60.00 (ISBN 9780520274884 cloth).

Ecological Dimensions for Sustainable Socio Economic Development. Alejandro Yáñez-Arancibia,

Raymundo Dávalos-Sotelo, John W. Day, and Enrique Reyes, eds. WIT Press, 2013. 628 pp., illus. \$491.00 (ISBN 9781845647568 cloth).

The Engine of Complexity: Evolution as Computation. John E. Mayfield. Columbia University Press, 2013. 384 pp., illus. \$34.50 (ISBN 9780231163040 cloth).

From Groups to Individuals: Evolution and Emerging Individuality. Frédéric Bouchard and Philippe Huneman, eds. MIT Press, 2013. 304 pp., illus. \$55.00 (ISBN 9780262018722 cloth).

Geochemistry. William M. White. Wiley-Blackwell, 2013. 668 pp., illus. \$89.95 (ISBN 9780470656686 paper).

Giraffe Reflections. Dale Peterson. University of California Press, 2013. 232 pp., illus. \$39.95 (ISBN 9780520266858 cloth).

Handbook of Agricultural Entomology. Helmut van Emden. Wiley, 2013. 334 pp., illus. \$129.95 (ISBN 9780470659137 cloth).

An Introduction to Population Genetics: Theory and Applications. Rasmus Nielsen and Montgomery Slatkin. Sinauer, 2013. 298 pp., illus. \$62.95 (ISBN 9781605351537 cloth).

Invasive and Introduced Plants and Animals: Human Perceptions, Attitudes, and Approaches to Management. Ian D. Rotherham and Robert A. Lambert, eds. Taylor and Francis (Routledge), 2013. 392 pp., illus. \$59.95 (ISBN 9780415830690 paper).

Leaping Ahead: Advances in Prosimian Biology. Judith Masters, Marco Gamba, and Fabien Génin, eds. Springer, 2013. 409 pp., illus. \$179.00 (ISBN 9781461445104 cloth).

doi:10.1525/bio.2013.63.8.14

Low Carbon Development: Key Issues.

Frauke Urban and Johan Nordensvärd, eds. Taylor and Francis (Routledge), 2013. 352 pp., illus. \$48.95 (ISBN 9780415539012 paper).

Managing Forests as Complex Adaptive Systems: Building Resilience to the Challenge of Global Change.

Christian Messier, Klaus J. Puettmann, and K. David Coates, eds. Taylor and Francis (Routledge), 2013. 368 pp., illus. \$149.00 (ISBN 9780415519779 cloth).

Plant Organogenesis: Methods and Protocols.

Ive De Smet, ed. Humana Press, 2013. 356 pp., illus. \$139.00 (ISBN 9781627032209 cloth).

Plant Thinking: A Philosophy of Vegetal Life.

Michael Marder. Columbia University Press, 2013. 240 pp., illus. \$29.50 (ISBN 9780231161251 paper).

Population Fluctuations in Rodents.

Charles J. Krebs. University of Chicago Press, 2013. 320 pp., illus. \$55.00 (ISBN 9780226010359 cloth).

Spider Research in the 21st Century: Trends and Perspectives.

David Penney, ed. Siri Scientific Press, 2013. 320 pp., illus. £75.00 (ISBN 9780957453012 cloth).

The Spirit of the Hive: The Mechanisms of Social Evolution.

Robert E. Page Jr. Harvard University Press,

2013. 240 pp., illus. \$39.95 (ISBN 9780674073029 cloth).

Trees of Life: A Visual History of Evolution.

Theodore W. Pietsch. Johns Hopkins University Press, 2013. 376 pp., illus. \$34.95 (ISBN 9781421411859 paper).

Virus-Induced Gene Silencing: Methods and Protocols.

Annette Becker, ed. Springer (Humana Press), 2013. 221 pp., illus. \$119.00 (ISBN 9781627032773 cloth).

The West without Water: What Past Floods, Droughts, and Other Climatic Clues Tell Us about Tomorrow.

B. Lynn Ingram and Frances Malamud-Roam. University of California Press, 2013. 289 pp., illus. \$29.95 (ISBN 9780520268555 cloth).

Wetland Management and Sustainable Livelihoods in Africa.

Adrian Wood, Alan Dixon, and Matthew McCartney, eds. Taylor and Francis (Routledge), 2013. 304 pp., illus. \$49.95 (ISBN 9781849714129 paper).

What Editors Want: An Author's Guide to Scientific Journal Publishing.

Philippa J. Benson and Susan C. Silver. University of Chicago Press, 2012. 188 pp., illus. \$20.00 (ISBN 9780226043142 paper).

How to Contact AIBS**BioScience**

Advertising, print and online:
adsales@ucpressjournals.com

Classified advertising:
jwilliams@aibs.org
703-674-2500 x. 209

Online:
www.aibs.org/bioscienceonline

Permissions:
www.ucpressjournals.com/reprintinfo.asp

Publisher:
rogrady@aibs.org
703-674-2500 x. 258

Submission inquiries:
tbeardsley@aibs.org
703-674-2500 x. 326

Subscriptions: Individual
membership@aibs.org
703-674-2500 x. 247

Subscriptions: Institutional
customerservice@ucpressjournals.com
510-643-7154

AIBS

ActionBioscience.org:
tbeardsley@aibs.org
703-674-2500 x. 326

Education Office:
smusante@aibs.org
703-674-2500 x. 311

Executive Director: rogrady@aibs.org
703-674-2500 x. 258

Membership Records:
membership@aibs.org
703-674-2500 x. 247

Community Programs:
spotter@aibs.org
941-321-1573

Public Policy Office: rgropp@aibs.org
202-628-1500 x. 250

Scientific Peer-Review Services:
sglisson@aibs.org
703-674-2500 x. 202

Web/IT Services:
jwagener@aibs.org
703-674-2500 x. 107