
canadian scholarship MBR: The Science Shelf

Posted by Midwest Book Review - 2009/09/08 23:57

The Science Shelf Conditions May Vary Gregory A. Zielinski Down East Books 9780892726967, \$15.95
www.downeast.com Any visitor to Maine or resident will find this a fascinating guide to Maine's unique weather systems. It discusses jet streams, Canadian air mass influences, ocean temperature and more and is perfect for science collections strong in meteorology and climatology instruction. Chapters use Maine's amazing seasonal diversity to discuss basic weather influences in this highly recommended pick. Galapagos at the Crossroads Carol Ann Bassett National Geographic 1145 - 17th St NW, Washington DC 20036 9781426204029, \$26.00
www.nationalgeographic.com/books Today's Galapagos are not the pristine, protected islands many may believe: they represent a collision of economics, politics and the environment that may ultimately destroy it. From unresolved conflicts in Ecuadorian law and local interests to groups and people who have a stake in the Galapagos' natural resources, this assesses impacts from tourist companies, creationist guides, fishermen, and even modern pirates. An outstanding saga of a threatened ecosystem, this is specific and revealing - and a 'must' for any library serious about science and ecological issues. The Manga Guide To Physics Hideo Nitta No Starch Press 555 DeHaro Street, #250, San Francisco, CO 94107 www.nostarch.com 9781593271961, \$19.95, www.amazon.com You don't have to be a rocket scientist to understand the basics of physics. Not when you can read The Manga Guide To Physics by Hideo Nitta (Professor of Physics, Tokyo Gakugei University) who takes the novel approach of utilizing the Japanese animation image (called manga) to explaining the concepts that comprise the science of physics including momentum and impulse, the relationship between force, mass, and acceleration, Newton's three laws of motion, the movement of objects after collision, vector diagrams, kinetic energy calculations, and more! The readers are educated in the 'real world' applications of physics by Megumi, an all-star athlete who is failing in her physics class. She is distracted in her tennis matches as she worries about the questions she's missed on her physics test. That's when her friend Ryota teaches her about physics using everyday objects ranging from roller skates and slingshots, to braking cars and tennis balls. As entertaining as it is informative, The Manga Guide To Physics enables ordinary readers to readily grasp the basics of physics and would make an ideal curriculum supplement for a school physics class, and is ideal for anyone seeking to inform themselves about how physics works and is applied to understanding the world in which they live. Tornado Hunter Stefan Bechtel with Tim Samaras National Geographic 1145 - 17th St. NW, Washington DC 20036-4688 9781426203022, \$24.00 www.nationalgeographic.com/books TORNADO HUNTER: GETTING INSIDE THE MOST VIOLENT STORMS ON EARTH is from a tornado chaser who works with a master storyteller to create a gripping story of the first person to photograph the inside of a tornado and survive. A moment-by-moment description of a 2003 tornado catastrophe accompanies details on the science of tornadoes and lends to a gripping saga highly recommended for any general lending library. The Universe: Order Without Design Carlos I. Calle Prometheus Books 59 John Glenn Drive, Amherst, NY 14228-2119 9781591027140, \$27.98 www.prometheusbooks.com Is the universe designed for life? Many scientific circumstances juxtaposed to foster life on Earth, but is this the same for the rest of the universe? The Universe: Order Without Design comes from a NASA senior research scientist who explores theories of origins and evolutions in the universe, considering theoretical physics and reviewing the latest findings of modern astrophysics in a powerful title suitable for college-level science libraries. Archaeoclimatology Atlas Of Oregon Reid A. Bryson, et al. University of Utah Press 1795 East South Campus Drive, #101, Salt Lake City, UT 84112-9402 www.uofupress.com 9780874809268, \$55.00, www.amazon.com When it comes to the Earth's natural climate, we can more accurately understand the present, and even predict the future, when we have an accurate record of the past to draw information from. Information basic to being able to develop computer models of how and under what circumstances change occurs in the Earth's climate. The late Redi A. Bryson (1920-2008) was an emeritus professor of atmospheric and oceanic sciences, geography, and environmental studies at the University of Wisconsin, Madison. With the collaborative work of Alison Stenger (Director of Research at the Institute for Archaeological Studies, Portland, Oregon) and Katherine McEnaney DeWall (academician and macrophysical climate model expert), Archaeoclimatology Atlas Of Oregon: The Modeled distribution In Space And Time of Past Climates is an impressive compendium of academic scholarship presenting a new and innovative means of modeling climatic and environmental history of the Oregonian region for the past 14,000 years, analyzing the relationship between climatic variables and the people of the region. Broad-scale reconstructions and defined times are provided with more than seventy-five detailed site-specific graphs of precipitation, temperature, evaporation, snowfall. A seminal work of impeccable and detailed scholarship representing an invaluable contribution to the science of climatology and climate-human interactions, Archaeoclimatology Atlas Of Oregon is a core addition to professional, governmental, and academic library reference collections and supplemental reading lists. EDITOR'S NOTE: The Midwest Book Review is an organization of volunteers committed to promoting literacy, library usage, and small press publishing. We accept no funds from authors or publishers. Full permission is given to post any of these reviews on thematically appropriate websites, newsgroups, listserves, internet discussion groups, organizational newsletters, or to interested individuals. Please give the Midwest Book Review a credit line when doing so. The Midwest Book Review publishes the monthly book review magazines California Bookwatch, Internet Bookwatch, Children's Bookwatch, MBR Bookwatch, Reviewer's Bookwatch, and Small Press Bookwatch. All are available for free on the Midwest Book Review website at www (dot) midwestbookreview (dot) com Anyone wanting to submit books for review consideration can send them to: James A. Cox, Editor-in-Chief Midwest Book Review 278 Orchard Drive Oregon, WI 53575-1129 To submit reviews of any fiction or non-fiction books, email them to Frugalmuse (at) aol (dot) com (Be sure to include the book title, author, publisher, publisher address, publisher website/phone number, 13-digit ISBN number, and list price). James A. Cox, Editor-in-Chief Midwest Book Review

