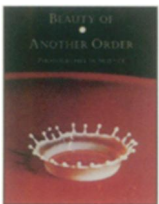


SCIENCE NEWS BOOKS

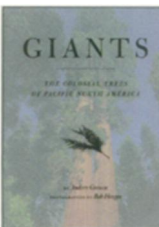
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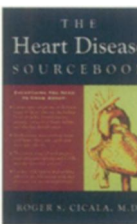
Beauty of Another Order: Photography in Science—by Ann Thomas. Essays by an esteemed group of experts in the history of photography and scientific photography present analyses of images over time that have illustrated scientific principles. Beginning with prints that preceded photography and moving through advanced techniques such as stop-action photography, the authors impart the visual history of astronomy, geology, chemistry, and the biological sciences. Yale U Pr, 1997, 256 p., color/b&w photos, hardcover, \$50.00.



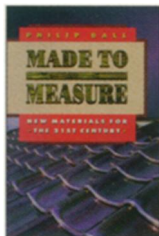
Clone: The Road to Dolly and the Path Ahead—Gina Kolata. Science plays God was a headline frequently implemented this past year as news broke that a sheep named Dolly had been produced by cloning. The obvious ethical implications are staggering, as cloning humans now appears possible. Acclaimed science-writer Kolata, covering the story for the NEW YORK TIMES, had a ground-zero presence that provided her with a bounty of insights into just how Ian Wilmut garnered this success, and she is adept at imparting the scientific principles behind Wilmut's work. But it is her astute observations about the benefits and drawbacks of cloning and the societal impact of Dolly that make this account a standout. Morrow, 1998, 276 p., hardcover, \$23.00.



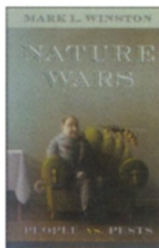
Giants: The Colossal Trees of Pacific North America—Audrey Grescoe. Redwoods, Douglas firs, big-leaf maples, giant sequoia, western hemlock, and six other species of the largest coastal trees are portrayed in all their glory, both in vivid color photographs and in descriptions of their history and horticultural heritage. The peril of the old-growth forests today frames the story of each of these giant trees. R Rinehart, 1997, 164 p., color photos, hardcover, \$29.95.



The Heart Disease Sourcebook—Roger S. Cicala. Beginning with a profile of the healthy heart, Cicala moves to discussions of the many ailments of it: angina, congestive heart failure, rhythm disturbances, and heart attacks. The causes, symptoms, long-term management, and treatments, including surgery and myriad medications are covered, as are their ramifications. Lowell Hse, 1997, 316 p., illus., hardcover, \$30.00.



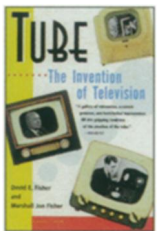
Made to Measure: New Materials for the 21st Century—Philip Ball. In modern materials labs, new discoveries are not random. The composition and structure are specified then constructed by implementing "clever chemistry, physics, and fabrication methods." The products of these efforts include synthetic skin, photonic semiconductors which process light signals, and meat wrappers that change color when the temperature rises above freezing. Such functional materials are the focus here. Emerging trends that may or may not come to fruition are surveyed in various applications. Princeton U Pr, 1997, 458 p., color plates/b&w photos, hardcover, \$29.95.



Nature Wars: People vs. Pests—Mark L. Winston. Widely regarded as the scourge of society, insects are known to harbor disease, indicate filth, and stir phobias. But Winston contends that human fear and misunderstanding of these creatures is causing problems for ourselves as we drown the planet in pesticides that aim to alter the nervous systems of their targets. He reports that 20,000 humans a year fall victim to the same pesticides used to kill countless rats, cockroaches, and bugs. With a gift for turning the arcane into amusing prose, Winston explains how natural pheromones, sterilization, and natural predators are a better solution for control. HUP, 1997, 209 p., hardcover, \$24.95.



The Platypus and the Mermaid: and Other Figments of the Classifying Imagination—Harriet Ritvo. Reflections on and scrutiny of the zoological classification obsession in Great Britain during the Victorian age reveal a system gone mad, with rivals seeking to outdo one another with each new plant or animal brought home by explorers, soldiers, and sailors. Ritvo details the hierarchy of naturalists and zoologists and shows how novices also had their say in imposing order on the natural world. With the discovery of each hybrid and misfit, more conflict ensued. The text is rich with accounts of why we use the scientific names we use and how culture influenced those decisions. HUP, 1997, 288 p., b&w photos/illus., hardcover, \$29.95.



Tube: The Invention of Television—David E. Fisher and Marshall Jon Fisher. Television is an invention without a Eureka! moment. As the Fishers chronicle, an assortment of lone inventors came close to getting it right, but it wasn't until a couple of executives at RCA grasped its potential that television as we know it began its climb to the most influential of all inventions. This retrospective looks at how television came to permeate virtually every home. Originally published in hardcover 1996. Harbrace, 1997, 427 p., b&w plates, paperback, \$15.00.

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