

# books OF THE WEEK

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**ELECTROCHEMISTRY**—C. W. Davies—Philosophical Lib., 1967, 234 p., diagrams, \$20. Designed to serve as a general introduction to electrochemistry.

**ESKIMO ADMINISTRATION: IV.** Greenland—Diamond Jenness—Arctic Inst. of North Am., 1967, 176 p., diagrams, map, paper, \$4. Traces the island's evolution from the early 18th century through development under Danish sovereignty to the new ten-year plan designed to cope with present problems.

**THE EVOLUTION OF THE MACHINE**—Ritchie Calder, Eugene S. Ferguson, Consultant—Am. Heritage/Smithsonian Inst. (Van Nostrand), 1968, 160 p., photographs, drawings, \$4.95. First of a new series of amply illustrated books that will explore modern man's relationship to various aspects of science and technology.

**GLASS IN THE MODERN WORLD: A Study in Materials Development**—F. J. Terence Maloney—Doubleday, 1968, 192 p., photographs, diagrams in color, \$5.95; paper, \$2.45. Discusses the properties of glass, historical and modern methods of production, optical glass, and new kinds and uses of glass.

**GUERRILLAS: A History and Analysis**—Arthur Campbell—Day, 1968, 344 p., maps, \$6.95. Follows modern development of guerrilla warfare from its inception in 1808, analyzing the problems, illustrated by narratives, each of which covers in detail an important campaign.

**A HANDBOOK OF NEW NATIONS**—G. Etzel Percy and Elvyn A. Stoneman—Crowell, 1968,

327 p., maps, \$8.95. Concise profiles of the geography, history, economy and social conditions of the 61 nations created since 1943.

**THE HOUSE ON COLLEGE AVENUE: The Comptons at Wooster, 1891-1913**—James R. Blackwood—M.I.T. Press, 1968, 265 p., photographs, \$7.50. The story of the early years of the Compton family, all of whose sons became heads of universities and distinguished themselves in science and education.

**HOW TO CONTROL AUTO BODY SHEET METALS**—Melvin T. Richert—Chilton Bks., 1968, 117 p., drawings by author, \$4.95. Simplified illustrations and explanations for the study of auto body metals.

**AN INTRODUCTION TO THE CHEMISTRY AND BIOCHEMISTRY OF FATTY ACIDS AND THEIR GLYCERIDES**—F. D. Gunstone—Chapman & Hall (Barnes & Noble), 1968, 2nd ed., 209 p., illus., \$10. Topics covered include structure and structural determination, separation and isolation, synthesis and physical properties.

**LASERS**—Hal Hellman—USAEC Div. of Technical Information, 1968, 57 p., photographs, diagrams, paper, single copies free upon request direct to USAEC, P.O. Box 62, Oak Ridge, Tenn. 37830. An aid to the understanding of laser science and technology.

**LIFE OF GEORGE BENT:** Written from His Letters—George E. Hyde: Savoie Lottinville, Ed.—Univ. of Okla. Press, 1968, 389 p., illus., \$5.95. A scholarly contribution to research on the Cheyenne Indians and events on the Great Plains in the 19th Century.

**LIFE OF TEILHARD DE CHARDIN**—Robert Speaight—Harper, 1967, 360 p., photographs, maps, \$8.50. A biography of the journeys and thoughts of the Jesuit scientist.

**MANAGEMENT SCIENCE: The Business Use of Operations Research**—Stafford Beer—Doubleday, 1968, 192 p., \$5.95; paper, \$2.45. On the practical application of scientific method to policies, risk, quantified insight, cost reduction, systems control and automation.

**POCKET GUIDE TO ANIMAL TRACKS**—Compiled from THE NEW HUNTER'S ENCYCLOPEDIA—Stackpole Bks., 1968, 63 p., drawings, maps, \$2.95. Shows the signatures and distribution of 44 North American small and big game.

**POISONOUS PLANTS AND FUNGI IN COLOR**—Pamela M. North, Pharmaceutical Society of Great Britain—Blandford Press (LEW's), 1967, 161 p., 133 color plates, drawings, \$4.25. Authoritative pocket guide, helps identify some 250 plants which have toxic actions toward living cells; while a few are innocuous, many have medicinal properties in small amounts.

**A POPULAR GUIDE TO GOVERNMENT PUBLICATIONS**—W. Philip Leidy—Columbia Univ. Press, 1968, 3rd ed., 365 p., \$12. Lists 3,000 selected titles, 2,000 published between 1961 and mid-1966, annotated and grouped under more than 200 categories ranging from Adolescence to World War II.

**PRESENTING TECHNICAL IDEAS: A Guide to Audience Communication**—W.A. Mambert—Wiley, 1968, 216 p., illus., \$6.95. Designed for easy use as a compact reference giving step-by-step procedure for preparing and delivering a technical presentation.

**QUATERNARY PALEOECOLOGY**—E. J. Cushing and H. E. Wright, Jr.—Yale Univ. Press, 1968, 433 p., illus., \$15. Articles range from the statistical to the geochemical in their approaches to Quaternary environmental history, including many charts, pollen profiles and maps.

**SO MUCH NEARER: Essays Toward a World English**—I. A. Richards—Harcourt, 1968, 274 p., \$7.50. Concerned with linguistic problems of better communication, the author deals with such topics as computer-conveyed instruction, and variant readings and misreadings.

**SOUTHERN SEASHORES: A World of Animals and Plants**—William M. Stephens—Holiday House, 1968, 192 p., photographs by author, \$3.95. A highly informative and readable reference to the seashore life of the Southern Atlantic and Gulf coasts and the Bahamas.

## FREE BOOK!

"Dover Science Sampler." 64-page book, with entertaining instructive selections from Mach, Galileo, Newton, Poincare, Hubble, Steinman, etc. Island universes, fata morgana, genetics, phase rule, etc. Entirely free, no strings attached. No obligation, no salesman will call. Supply limited. Write now. Dept. SNL, Dover, 180 Varick St., N.Y., N.Y. 10014

**THE STORY OF COINS**—Sam Rosenfeld—Harvey House, 1968, 126 p., photographs, illus. by James E. Barry, \$3.95. A guide to the hobby of coin collecting.

**STRUCTURE OF AN ARABIAN SEA SUMMER MONSOON SYSTEM**—Forrest R. Miller and R. N. Keshavamurthy—East-West Center Press (Honolulu, Hawaii), 1968, 94 p., illus., \$7.50. This first of the International Indian Ocean Expedition Meteorological Monographs reports graphically the development of the cyclone system in summer 1963 as observed from surface ships, research aircraft and by TIROS weather satellites.

**THE TRANSPLANTED HEART: The Incredible Story of the Epic Heart Transplant Operations** by Professor Christiaan Barnard and His Team—Peter Hawthorne—Rand McNally, 1968, 192 p., photographs, \$4.95. A reporter's dramatic narrative of the day-by-day developments in the first human heart transplant.

**THE WARS OF AMERICA**—Robert Leckie, foreword by Richard B. Morris—Harper, 1968, 1052 p., maps, \$12.50. Presents in narrative form a comprehensive outline of the violent struggles that have shaped American history, from fighting the Iroquois in 1609 to the present.

**WINGS OF THE FALCON: Life and Thought of Ancient Egypt**—Translated and edited by Joseph Kaster—Holt, 1968, 305 p., illus., \$8.95. Presents in translation a selection of ancient Egyptian texts to give the modern reader samples of Egyptian ways of thought and expression.

**THE WONDER THAT WAS INDIA: A Survey of the History and Culture of the Indian Subcontinent before the Coming of the Muslims**—A. L. Basham—Taplinger, 1968, 3rd rev. ed., 572 p., 89 plates, drawings, maps, \$13.50. The culture, art, language and literature of pre-Buddhist India, written for the general reader.

**THE WORLD OF ZOOS: A Survey and Gazetteer**—Rosl Kirchshofer, Ed., introd. by Bernhard Grzimek—Viking Press, 1968, 327 p., photographs, \$10.95. Tells about various professional aspects of zoos and their special problems, illustrates many of the more exotic animals, and lists and describes the zoological gardens of the world.

# PAPER BACKS ON SCIENCE FROM THE MIT PRESS

**Scientists as Writers**  
edited by James Harrison \$2.45

**The Universe**  
by Otto Struve \$1.95

**The Character of Physical Law**  
by Richard Feynman \$2.45

**Physical Science, Its Structure and Development**  
Vol. 1: From Geometric Astronomy to the Mechanical Theory of Heat  
by Edwin C. Kemble \$5.95

**Mechanics, Molecular Physics, Heat, and Sound**  
by Robert A. Millikan, Duane Roller, and Earnest C. Watson \$3.95

**The Nature of Metals**  
by Bruce A. Rogers \$2.95

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An Exploration of Life Sources from Primeval Slime to Man Tomorrow  
by Heinz Wolterek \$2.95

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