

# Books of the Week

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**ANIMALS OF AUSTRALIA**—Axel Poignant—Dodd, 1967, unpagged, 200 illus., photographs by author, \$7.50. Close-up views of Australia's fauna including cuscus, cassoway and bearded dragon, with comments from historical sources of early explorers and up-to-date descriptions.

**THE ANT REALM**—Ross E. Hutchins—Dodd, 1967, 205 p., photographs by author, \$4.50. Expert entomologist-photographer takes the reader on a highly informative survey of some of the most characteristic species of ants and their ways of life.

**ANTOINE LAVOISIER: Scientist and Citizen**—Sarah R. Riedman—Abelard-Schuman, 1967, 192 p., illus., \$4.50. A thoroughly researched biography of the versatile scientific genius who lost his life in the French Revolution. For young people.

**ARCHAEOLOGY: An Illustrated Introduction**—Liam de Paor—Penguin Bks., 1967, 111 p., photographs, drawings by Jane Mackay, paper, \$1.45. Describes the modern techniques and methods of archaeologists and how they fit their finds together in order to trace the human past.

**CARL LINNAEUS: Pioneer of Modern Botany**—Alice Dickinson—Watts F., 1967, 209 p., illus., \$2.95. Juvenile biography about the Swedish botanist who established the system of rules for the classification of plants.

**CHEMISTRY OF THE EARTH'S CRUST, Vol. II**—A. P. Vinogradov, Ed., transl. from Russian by N. Kaner—IPST (Davey, D.), 1967, 705 p., diagrams, maps, \$25. Papers range from a study of the gas regime of the earth to a quantitative interpretation of anomalous lead isotope abundances.

**CIRCUIT DESIGN FOR AUDIO, AM/FM AND TV**—Texas Instruments Inc. Engineering Staff, Wm. A. Stover, Ed.—McGraw-Hill, 1967, 352 p., diagrams, \$14.50. Cost and time-saving procedures are stressed throughout and the design examples employ the newest devices available in the transistor industry.

**CONTINENTAL DRIFT: Is It a Cometary Impact Phenomenon?**—Allan O. Kelly—Hill House Pub. Co., rev. 1967, 100 p., illus., map, paper, \$4.95. A non-professional contribution to the controversy about continental drift. The author seeks to present evidence on earth for the effects of a major cometary collision.

**THE CRUST OF THE EARTH: The Story of Geology**—Keith Clayton—Natural Hist. Press, 1967, 155 p., photographs, diagrams, maps, \$4.95. Tells young people how man has learned about this earth's crust from studying earthquakes, geologic specimens, volcanoes, erosion and soundings.

**DISCOVERING ROCKS AND MINERALS: A Nature and Science Guide to Their Collection and Identification**—Roy A. Gallant and Christopher J. Schuberth—Natural Hist. Press, 1967, 128 p., photographs, diagrams, maps, \$3.95. Designed for people who want to learn to collect and identify rocks, minerals and fossils.

**THE EARLY HISTORY OF PALAEOZOOLOGY**—W. N. Edwards—Trustees of the British Museum, 1967, (Brit. Information Service, N.Y.), 58 p., photographs, paper, \$1. Primarily a guide to an exhibit of books, manuscripts and specimens illustrating the history of paleontology.

**EDUCATORS GUIDE TO FREE FILM-STRIPS**—Mary Foley Horkheimer and John W. Diffor, Eds.—Educators Progress Service, 1967, 19th ed., 129 p., paper, \$7. Of 402 titles listed, 63 are sets of slides, 76 are new this year.

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**ELECTRICAL NOISE**—Robert King—Chapman & Hall (Barnes & Noble), 1967, 195 p., diagrams, \$5.50. At final year-undergraduate and first-year graduate level, the text deals with the mathematical background, thermal noise, current noise, noise in linear networks, in amplifiers, detectors and communication systems.

**THE ETRUSCAN CITIES AND ROME**—H. H. Scullard—Cornell Univ. Press, 1967, 320 p., 120 plates, maps, \$8.50. Based on the results of archaeological work and contributions of Greek and Roman writers, the author brings together what knowledge we have about separate Etruscan cities in their historical and topographical setting.

**EXPERIMENTS IN SECOND-LANGUAGE LEARNING**—Edward Crothers and Patrick Suppes—Academic Press, 1967, 374 p., \$13.50. Describes a series of 17 experiments involving the acquisition of Russian by native American college students, viewing second-language learning in the light of mathematical learning theory.

**FUNDAMENTALS OF PHYSIOLOGY**—Elbert Tokay—Barnes & Noble, rev. 1967, 325 p., illus., paper, \$1.95. Written for both students and lay readers, the book explains the working of the human body and includes current information on nucleic acids, on the mechanism of muscular activity, control of blood pressure, hormones and antibodies.

**THE GENETIC ANALYSIS OF BEHAVIOR**—P. A. Parson—Methuen, 1967, (Barnes & Noble), 174 p., \$4.50. Monograph attempts to discuss how a behavioral trait can be analyzed from the genetic point of view, with some emphasis on the evolutionary implications of variations in behavior.

**THE GEOGRAPHY OF FRONTIERS AND BOUNDARIES**—J. R. V. Prescott—Aldine Pub. Co., 1967, 190 p., maps, paper, \$2.45. Reprint (1965), deals with geographical factors in relation to political boundaries, illustrated by case studies from North America, Africa and Australia.

**THE GEOGRAPHY OF SOIL**—Brian T. Bunting—Aldine Pub. Co., rev. 1967, 213 p., diagrams, paper, \$2.45. First published in 1965, the book deals with the study of the distribution and morphology of soil in relation to external influences and internal processes.

**HAMMOND PANORAMIC WORLD ATLAS**—Shirley Carpenter, Ed. and Romek Marber, Designer—Geographical Projects (Hammond), 1967, 205 p., illus., maps in color, \$8.95. Created in the United Kingdom, the atlas uses throughout the special shadow relief maps based on three-dimensional models, a technique developed by the late Frank Debenham of Cambridge University.

**HANDBOOK ON BROADLEAVED EVERGREENS**—Brian O. Mulligan, Ed.—Brooklyn Botanic Garden, rev. 1967, 96 p., photographs, paper, \$1.25 direct to publisher, Brooklyn, N.Y. 11225. Deals with more than 100 plants and tells how to grow them in different sections of the country.

**KOALAS LIVE HERE**—Irmengarde Eberle—Doubleday, 1967, 59 p., photographs, \$3.50. Shows how koalas live in eucalyptus trees, how they grow and are protected by the Australian government.

**NATURAL RESOURCES: Quality and Quantity**—S. V. Ciriacy-Wantrup and James J. Parsons, Eds.—Univ. of Calif. Press, 1967, 217 p., 10 plates, \$6.50. Papers presented before a faculty seminar, 1961-1965, discussing quality issues in the management of major resource categories of land, sea and air.

**THE ORPHANS OF TSAVO**—Daphne Shel-drick—McKay, 1967, 159 p., photographs, \$5.50. The story of a Kenya game warden's wife who raised orphaned wild animals such as baby elephant, rhino and mongoose.

**THE PILL CONSPIRACY**—George Johnson—Sherbourne Press, 1967, 244 p., \$4.95. A journalistic treatment of the various aspects of drug abuse.

## FREE CATALOGUES OF SCIENCE BOOKS

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**PLANT VARIATION AND CLASSIFICATION**—C. Ritchie Bell—Wadsworth Pub. Co., 1967, 135 p., illus. by Susan Carlton Smith, paper, \$1.95. Instructs in the fundamentals of taxonomy by relating the significance of natural patterns of variation to the two primary taxonomic processes, classification and identification.

**THE STRENGTH PROPERTIES OF EUROPEAN REDWOOD AND WHITEWOOD**—W. M. Hudson—Forest Products Research Lab., 1967, (Brit. Information Service, N.Y.), 26 p., diagrams, map, paper, \$1.10. Discusses factors influencing strength of timber and offers tables of test data on species from Sweden, Finland, U.S.S.R. and Poland.

**THE SEARCH FOR UNDERSTANDING: Selected Writings of Scientists of the Carnegie Institution**—Caryl P. Haskins, Ed.—Carnegie Inst., 1967, (Walker & Co.), 330 p., illus., \$6. These scientific essays, chosen for their vividness of style, exciting subject and originality of research, give a sampling of the Institution's 65 years of endeavor dedicated to pure research.

**THEORY OF AUTOMATION OF PRODUCTION PLANNING AND OF TOOLING: Algorithms for Designing Machine Tools in Automated Industrial Plants**—G. K. Goranskii, transl. from Russian—IPST (Davey, D.), 1967, 172 p., diagrams, \$9.75. Shows Soviet methods for programming basic stages in design of metal-machining heads and proposes universal system for coding of information in the drawings of parts to be machined.

**THE USE OF BIOLOGICAL LITERATURE**—R. T. Bottle and H. V. Wyatt, Eds.—Archon Bks. (Shoe String Press), 1967, 286 p., \$11.50. Intended as a reference for both librarian and scientist, and as an aid to plan courses on biological literature, the book is an attempt at a complete coverage of the literature on the biological sciences.

## Paint Now Learn Later



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