

# books OF THE WEEK

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**BARBARIAN EUROPE**—Gerald Simons and Editors of Time-Life Books—Time-Life Bks., 1968, 191 p., illus., maps, \$3.95 direct to publisher, Time & Life Bldg., Chicago, Ill. 60611. Describes with the help of colorful illustrations in eight long essays the six formative centuries of the Early Middle Ages, their struggles and cultural legacy.

**BIRDS OF EUROPE: A Golden Guide**—Bertel Bruun; Derek Woods, Consultant—Golden Press, 1968, 160 p., illus. in color by Philippe Degraeve, maps, paper, \$1.25. Pocket-sized identification guide for the bird watcher in Europe.

**THE BLACK BOOK OF HUNGER**—Josue de Castro, transl. from French by Charles Lam Markmann—Funk & Wagnalls, 1968, 161 p., plates, \$3.95. Authoritative study of world hunger, discusses the types of malnutrition prevalent in various parts of the world, the problems involved, and outlines the program of the World Association for the Fight Against Hunger.

**A CAREER IN MEDICAL RESEARCH**—Hila Colman—World Pub. Co., 1968, 175 p., illus. by Edna Mason Kaula, \$3.86. Career profile of the education, life and work of a Jamaican medical researcher in the United States. For young people.

**A DOCTOR AMONG THE ADDICTS**—Nat Hentoff—Rand McNally, 1968, 136 p., \$4.50. Tells about the career of Dr. Marie Nyswander and her controversial methadone treatment for drug addiction.

**THE HALLUCINOGENS**—A. Hoffer and H. Osmond—Academic Press, 1967, 626 p., diagrams, \$25. Detailed descriptions of presently identified hallucinogens such as mescaline, LSD, adrenochrome, DMT, taraxein and others, with chapter on animal studies of halucinogenic drugs by T. Weckowicz.

**HUMAN FERTILITY IN LATIN AMERICA: Sociological Perspectives**—J. Mayone Stycos—Cornell Univ. Press, 1968, 318 p., \$11. Presents sociological explanations to quantitative results of supervised attitude studies on fertility and fertility control in Puerto Rico, Jamaica, Peru, Colombia and Haiti, and assesses prospects for fertility control in Latin America.

**LIFE OF JOHN WILLIAM STRUTT, THIRD BARON RAYLEIGH**—Robert John Strutt, Fourth Baron Rayleigh, foreword by John N. Howard—Univ. of Wis. Press, 1968, 439 p., illus., \$10. Augmented edition of the Nobelists' biography with author's annotations, corrections and personal comments.

**LILIES**—Jan de Graaff and Edward Hyams—Funk & Wagnalls, 1968, 142 p., 47 color photographs, \$6.95. Introduces the reader to the history of lilies, their preferences in soil and site, cultivation and propagation.

**MADNESS IN SOCIETY: Chapters in the Historical Sociology of Mental Illness**—George Rosen—Univ. of Chicago Press, 1968, 337 p., \$5.95. The central focus in these studies is the place of the mentally ill in societies at different historical periods and the determining factors (social, psychological, cultural).

**MAJOR ACTIVITIES IN THE ATOMIC ENERGY PROGRAMS, January-December 1967**—U.S. Atomic Energy Commission—GPO, 1968, 397 p., illus., paper, \$1.50. The Annual Report to Congress for 1967, summarizes the state of nuclear materials production and recovery, safeguards, reactor technology, licensing, nuclear power, international and educational activities, and basic research.

**MAN AND THE COSMOS: The Nature of Science Today**—Ritchie Calder—Praeger, 1968, 219 p., \$5.50. A Britannica Perspective volume, reviews the nature of scientific revolutions and the

debates about the atmosphere, the oceans, movements of the earth's crust, climate and the atom.

**METAL-LIGAND AND RELATED VIBRATIONS: A Critical Survey of the Infrared and Raman Spectra of Metallic and Organometallic Compounds**—David M. Adams—St. Martin's Press, 1968, 379 p., diagrams, \$22.50. Presents summary of the current world literature in the field of analytic spectroscopy for inorganic analytic chemists, spectroscopists and technical workers, featuring a great amount of tabulated data.

**METHODS OF STUDYING PLANT HORMONES AND GROWTH-REGULATING SUBSTANCES**—John W. Mitchell and George A. Livingston—USDA (GPO), 1968, 140 p., illus., paper, 55c. Handbook for researchers, describes step-by-step biological methods essential in the study of hormones, some useful physical methods and supplementary techniques.

**MODERN ARMS AND FREE MEN: A Discussion of the Role of Science in Preserving Democracy**—Vannevar Bush—M.I.T. Press, 1968, 273 p., paper, \$2.95. Reprint (1949) with new seven-page foreword by author.

**THE NEW GROSSET ROAD ATLAS of the United States, Canada and Mexico**—Diversified Map Corporation—Grosset & Dunlap, 1968, 145 p., maps, illus., paper, \$1.95. Large, up-to-date state maps, more than 180 city maps, park and campsite information, indexed to more than 28,000 towns.

**NO EASY HARVEST: The Dilemma of Agriculture in Underdeveloped Countries**—Max F. Millikan and David Haggood—Little, Brown, 1967, 178 p., diagrams, \$5.75. Discusses the problems, physical and economic requirements in various regions marked by underdeveloped agricultural production.

**ON THE WESTERN TOUR WITH WASHINGTON IRVING: The Journal and Letters of Count de Pourtales**—George F. Spaulding, Ed., transl. from German by Seymour Feiler—Univ. of Okla. Press, 1968, 96 p., illus., maps, \$4.95. A contribution to frontiers history.

**OUTLINE HISTORY OF SCIENCE**—Walter Shepherd—Philosophical Lib., 1968, 142 p., \$6. A British capsule summary of notable events in science, starting with the Hindu "Laws of Manu" in B.C. 5000 and ending with the Mariner IV space probe in 1965. Also lists alphabetically discoveries, laws and European scientists.

**THE PICTORIAL ENCYCLOPEDIA OF BIRDS**—J. Hanzak; Bruce Campbell, Ed., Ned R. Boyajian, Am. Consultant—Crown Publishers, 1968, 582 p., 45 color plates, 1072 photographs, \$10. Arranged from most primitive to most highly evolved, book presents the 27 orders and most of the 155 families of the birds of the world, using modern taxonomy and succinct text to identify species illustrated.

**PLANT TOXICITY AND DERMATITIS: A Manual for Physicians**—Kenneth F. Lampe and Rune Fagerström—Williams & Wilkins, 1968, 231 p., illus. by Gerti Antal, \$9.25. Gives data on toxicology, symptoms, treatment and botanical description of plants with gastroenteric irritants; plants causing cardiovascular disturbances, plants affecting the nervous system, and poisoning by mushrooms.

**PLEASURES OF WILD PLANTS**—Audrey Wynne Hatfield—Taplinger, 1967, 198 p., illus. by author, \$5.95. Describes 50 herbs and weeds, with emphasis on myths and uses.

**PLEISTOCENE EXTINCTIONS: The Search for a Cause**—P. S. Martin and H. E. Wright, Jr., Eds.—Yale Univ. Press, 1968, 453 p., photographs, drawings, maps, charts, \$12.50. Supporting various theories, paleobiologists present accumulated data from the worldwide fossil record trying to explain the wave of large-mammal extinction that involved at least 200 genera during the late-Pleistocene period.

**THE RADIO AMATEUR'S HANDBOOK**—Headquarters Staff of the American Radio Relay League, Doug DeMaw, Ed.—ARRL, 1968, 45th ed., 693 p., illus., \$6.50; paper, \$4. The revised standard manual of amateur radio communication.

**REPORT OF THE NATIONAL CONFERENCE ON MEDICAL COSTS**—U.S. Dept. of Health, Education & Welfare—GPO, 1968, 326 p., diagrams, paper, \$1.25. Assessment of the problems of rising medical costs, conference papers, testimonies and proposals.

## FREE BOOK!

"How do you play chess?" 48-page book with 86 questions on rules, strategy, history, etc., answered by Fred Reinfeld. Excellent for beginners. Entirely free: no strings attached; no obligation. Supply limited, write now, Dept. SNL, Dover, 180 Varick St., N.Y., N.Y. 10014

**THE RIDDLE OF GRAVITATION**—Peter G. Bergmann—Scribner, 1968, 270 p., photographs, diagrams, \$7.95. A presentation of Einstein's general theory of relativity, taking into consideration recent experiments and the discoveries of quasars and X-ray sources. Addresses the intellectually curious layman.

**RINGTAIL**—James Ralph Johnson—McKay, 1968, 170 p., illus. by author, map, \$4.50. Based on observations in the canyons of New Mexico, the book tells the story of a raccoon-like ringtail.

**SIGNALS IN THE ANIMAL WORLD**—Dietrich Burkhardt, Wolfgang Schleidt, Helmut Altner and others, transl. from German by Kenneth Morgan—McGraw-Hill, 1968, 150 p., photographs, partly in color, diagrams, \$10. Fully illustrated report on research findings in the area of animal communication and navigation in its natural environment.

**SPEED MATH**—Frank Clark—Watts, F., 1968, 123 p., \$3.95. Teaches ways in which any intelligent person can learn basic properties of numbers to speed up calculations.

**STRUCTURAL CHEMISTRY AND MOLECULAR BIOLOGY**—Alexander Rich and Norman Davidson, Eds.—Freeman, 1968, 907 p., illus., \$10. Volume dedicated to Linus Pauling, contains essays by his students and colleagues dealing with the structure and chemistry of proteins, antibodies, molecular biology, nucleic acids, hydrogen bonding, chemistry and structure of smaller molecules, metal structures, and chemical theory.

**STUDY ABROAD** Including Vacation Study, 1968-1969, 1969-1970: International Scholarships, Educational Exchange—UNESCO (Unesco Pubns. N.Y.), 1968, 17th ed., 683 p., paper, \$5. Contains information of some 215,000 individual awards offered by 75 international organizations and 1,773 donors in 128 U.N. member states.

**TALKING MACHINES 1877-1914: Some Aspects of the Early History of the Gramophone**—V. K. Chew—HMSO (Brit. Information Service, N.Y.), 1967, 81 p., illus., paper, \$1.50. Ample illustrated science museum booklet.

**TECHNICAL CORRESPONDENCE: A Handbook and Reference Source for the Technical Professional**—Herman M. Weisman—Wiley, 1968, 218 p., \$6.95. Explains the principles and techniques of effective business letter writing, and discusses many samples of applied correspondence principles.

**TECHNOLOGY OF PAINTS, VARNISHES AND LACQUERS**—Charles R. Martens, Ed.—Reinhold, 1968, 744 p., illus., \$27.50. Up-to-date technical data on the preparation and use of protective coatings, their chemistry and testing; coverage includes color, aerosols, paint and varnish removers, and safety.

**TRAVEL IN EUROPE 1968**—Nigel Buxton—Follet Pub. Co., 1968, 1,021 p., illus., maps, \$6.95. Useful and up-to-date information on travel in the countries of both Western and Eastern Europe, travel by air, sea and motor, and other essays on topics of special interest to the American traveler abroad.

## FIX CLOCKS, WATCHES

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