

books OF THE WEEK

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AN ANALYSIS OF PERSONALITY THEORIES—Albert Mehrabian—Prentice-Hall, 1968, 217 p., \$7.95. Study suggests a conceptual framework for the description of any personality theory and its application to the description, prediction and influence of inter-personal social behaviors.

ANIMAL SOCIETIES: From the Bee to the Gorilla—Remy Chauvin, transl. from French by George Ordish—Hill & Wang, 1968, 281 p., 45 plates, drawings, \$6.50. Explores the social organization of insect communities and the means of communication, ceremonies and other elements of social life among the higher animals.

ANTARCTIC BIRD STUDIES: Antarctic Research Series, Vol. 12—Oliver L. Austin, Jr., Ed.—Am. Geophysical Union, 1968, 262 p., illus., maps, \$16.50. New ornithological material from the great antarctic bird rookeries, on the unique breeding cycles of the great albatrosses, and on various aspects of the behavior and physiology of the Adelle penguin.

ASIAN PSYCHOLOGY—Gardner Murphy and Lois B. Murphy, Eds.—Basic Bks., 1968, 238 p., \$7.50. Introduces the Western reader to Eastern views of man's psyche, with a selection of writings, both ancient and modern, which illustrate the special contributions and insights of Asia.

AUSTRALIAN BIRDS—Robin Hill, foreword by H.R.H. The Duke of Edinburgh—Funk & Wagnalls, 1968, 281 p., illus. in color by author, \$30. A reference work, describes the essential points of each species, birds are arranged in their natural orders and genera. Discussion of the problems of nomenclature and classification, and comparative checklists are included.

CAMERA BELOW: The Complete Guide to the Art and Science of Underwater Photography—Hank Frey and Paul Tzimoulis, foreword by Rear Admiral Edward C. Stephan, U.S. Navy (ret.)—Association Press, 1968, 224 p., photographs by authors and others, illus. by Kathleen M. Frey, \$12. An authoritative guide to equipment and techniques of underwater photography.

DICTIONARY OF VISUAL SCIENCE—Max Schapero, David Cline and Henry William Hofstetter, Eds.—Chilton Bks., 2nd ed., 1968, 804 p., illus., \$24.95. A modern comprehensive dictionary covering the terminology of the visual sciences, including the fields of ocular anatomy, ocular embryology, neuroophthalmology, psychological optics, ocular refraction, contact lenses, and motorists' vision.

THE DIPLOMATIC PERSUADERS: New Role of the Mass Media in International Relations—John Lee, Ed.—Wiley, 1968, 205 p., \$8.50. Sixteen foreign embassy and legation counselors and information specialists discuss and explain the methods they use and the problems they deal with in their contacts with the mass media of the host country.

THE ENCYCLOPEDIA OF THE CHEMICAL ELEMENTS—Clifford A. Hampel, Ed.—Reinhold, 1968, 849 p., illus., \$27.50. Arranged in alphabetical order, the volume contains articles by 95 experts on each of the known chemical elements, plus more general entries such as the periodic table, origins, isotopes, and prevalence.

FAMILIAR QUOTATIONS: A Collection of Passages, Phrases and Proverbs Traced to Their Sources in Ancient and Modern Literature—John Bartlett, rev. by Emily Morison Beck, Ed.—Little, Brown, 1968, 14th ed., 1750 p., \$15. Enlarged to include quotations from the last decade—Kennedy, Hammarskjold, Nehru, Faulkner, Camus, and phrases like beat generation, multi-versity, the other America.

FOSSILS ILLUSTRATED: An Atlas of Invertebrate and Vertebrate Fossils—Gerard R. Case—G. R. Case, 1968, 32 p., 186 photographs and

drawings, paper, \$2.50 direct to author, 225 St. Paul Ave., Jersey City, N.J. 07306. An aid to the identification of trilobites, plant remains, crinoids, brachiopods, elasmobranchs and other fossils.

GENETIC TYPES OF RARE-ELEMENT DEPOSITS—K. A. Vlasov, Ed., transl. from Russian by Z. Lerman, R. Amols, Ed.—IPST (Daniel Davey), 1968, 916 p., illus., folded charts, \$30. Deals with endogenic deposits, hydrothermal sulfide deposits, and exogenic and metamorphogenic deposits of rare elements.

ILLUSIONS—Andre Maurois—Columbia Univ. Press, 1968, 101 p., \$4.95. Lecture series on the illusions of the senses, science and the fine arts.

IMMUNOLOGICAL CONCEPTS—Lloyd Y. Quinn—Iowa State Univ. Press, 1968, 260 p., microphotographs, diagrams, \$5.95. Describes immunological processes in terms of molecular as well as cellular interactions, the complement-complex, circulating soluble antibodies, and antiviral immunity.

INTERNATIONAL AIRPORT: The Story of Kennedy Airport and U.S. Commercial Aviation—George Scullin—Little, Brown, 1968, 319 p., photographs, \$6.95. A lively description of the intricate pattern, technical and architectural solutions, passenger and freight logistics, that went into creating the 4,600-acre international airport.

JOHN DALTON & THE PROGRESS OF SCIENCE—D. S. L. Cardwell, Ed.—Barnes & Noble, 1968, 352 p., plates, illus., \$9.50. Papers presented to a conference held in 1966 to mark the bicentenary of Dalton's birth.

LIFE ON A LITTLE-KNOWN PLANET—Howard Ensign Evans—Dutton, 1968, 318 p., illus. by Arnold Clapman, \$7.95. Entomologist writes entertainingly of what science has found out about the habits of insects, man's close neighbors.

ORGANIC ACCELERATORS IN THE VULCANIZATION OF RUBBER—G. A. Blokh, transl. from Russian by J. Schmorak—IPST (Daniel Davey), 1968, 423 p., illus., \$20.25. On the properties of organic accelerators, vulcanization systems for general and special purpose rubbers, mechanisms of acceleration of rubber vulcanization by organic reagents, and other related topics.

PARTICLE ACCELERATION—J. Rosenblatt—Methuen (Barnes & Noble), 1968, 183 p., plates, drawings, \$5.50. Addressed to those who are concerned with nuclear reactors mainly as research instruments and must know something of their principles of operation.

PERFUME in Pictures—Margaret Woodney Wyman—Sterling Pub. Co., 1968, 80 p., photographs, \$3.95. About the manufacture of perfumes, their raw materials, composition and historical usage.

RECENT ADVANCES IN PHYTOCHEMISTRY, Vol. 1—T. J. Mabry, Ed., with R. E. Alston and V. C. Runeckles, Assoc. Eds.—Appleton-Century-Crofts, 1968, 437 p., illus., \$16.50. Proceedings of the Sixth Annual Symposium of the Phytochemical Society of North America, emphasizing developments in nitrogen and sulfur compounds, acetate and mevalonate-derived compounds, and flavonoids.

ROADS, BRIDGES AND TUNNELS: Modern Approaches to Road Engineering—Michael Overman—Doubleday, 1968, 191 p., photographs, diagrams, \$5.95. Depicts and discusses some of the technical problems, their solutions and outstanding examples of civil engineering.

THE SAFETY OF FOODS: An International Symposium on the Safety and Importance of Foods in the Western Hemisphere held in Puerto Rico, 1967—H. D. Graham, J. C. Ayres and others, Eds.—Avi Pub. Co., 1968, 367 p., illus., \$15. Papers deal with food regulation in the Americas, food toxicants, microbial toxins, food-borne infections, food additives—intended and unintentional.

SELECTIVE TOXICITY and Related Topics—Adrien Albert—Methuen (Barnes & Noble), 1968, 4th ed., 531 p., plates, diagrams, \$14.50. Deals with the physical and chemical properties of selectively toxic agents, those substances which injure certain cells without harming others, covering most of the drugs and all of the fungicides, insecticides and weed killers.

STRUCTURAL ENGINEERING HANDBOOK—Edwin H. Gaylord, Jr., and Charles N. Gaylord, Eds.—McGraw-Hill, 1968, 1172 p., 845 illus., \$28.50. Up-to-date treatment of material related to the planning, design and construction of engineered structures, written by 39 experts in fields ranging from structural analysis through soil mechanics and foundations to shells, arches and towers.

TELESCOPES: How to Choose and Use Them—Terry Maloney—Sterling Pub. Co., 1968, 144 p., illus., \$3.95. Practical advice for the amateur astronomer.

THE TRAINING OF GOOD PHYSICIANS: Critical Factors in Career Choices—Fremont J. Lyden, H. Jack Geiger and Osler L. Peterson—Harvard Univ. Press, 1968, 245 p., 100 tables \$6.95. Large-scale comparative study of medical school graduates from 12 widely differing institutions, concerning the choice of their field of practice, hospital training decisions, and the graduates' evaluation of their training.

TRANSISTOR CIRCUIT GUIDEBOOK—Byron Wels—Tab Bks., 1968, 219 p., illus., \$6.95; paper, \$4.95. Collection of basic and advanced solid-state circuits in various fields of electronics.

UNDERSTANDING ALCOHOLISM: For the Patient, the Family and the Employer—Christopher D. Smithers Foundation—Scribner, 1968, 257 p., \$6.95. Practical handbook discussing the various aspects of alcoholism as a treatable disease.

YOUR GUIDE TO IRELAND—Harold Rose—Funk & Wagnalls, 1968, 243 p., 30 plates, maps, \$4.95. For the armchair traveller as well as the potential tourist, this guide describes the historical, scenic and recreational attractions to be found in Ireland.

YOUR GUIDE TO ISRAEL—K. M. Wilcox—Funk & Wagnalls, 1968, 323 p., 32 plates, maps, \$4.95. Packed with readable information about the land and its customs, practical tourist information, and excursions to historical and cultural centers and places.

FOR YOUNG READERS

CLUES TO THE RIDDLE OF LIFE—Malcolm E. Weiss—Hawthorn Bks., 1968, 107 p., photographs, illus. by Lloyd Birmingham, \$3.95. Follows the reasoning and experimenting of scientists who probed the origin, evolution and chemistry of life.

GALAXIES—Isaac Asimov—Follett Pub. Co., 1968, 32 p., color photographs, diagrams, \$1. Tells of how man explores the far reaches of the universe.

IS SOMETHING UP THERE? The Story of Flying Saucers—Dale White—Doubleday, 1968, 166 p., plates, \$3.50. Summarizes for young readers the claims and investigations which thus far have failed to turn up concrete proof as to the real identity of UFOs.

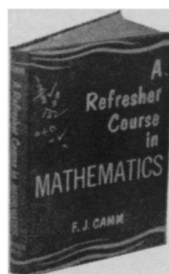
MAPLE TREE—Millicent E. Selsam—Morrow, 1968, 47 p., 40 photographs by Jerome Wexler, \$3.95. Shows with great clarity the step-by-step development from seed to tree.

PREHISTORIC MAN—John Bailey—Hawthorn Bks., 1968, 96 p., illus. by author, \$4.95. Tells boys and girls about man-apes and ape-men, about Neanderthals and Cro-Magnon man.

WHERE THEY GO IN WINTER—Margaret Waring Buck—Abingdon Press, 1968, 72 p., illus. by author, \$3.50. Tells young naturalists about the winter habits of North American wildlife.

A REFRESHER COURSE IN MATHEMATICS

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