

Books of the Week

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ACRONYMS AND INITIALISMS DICTIONARY: A Guide to Alphabetic Designations, Contractions, Acronyms, Initialisms and Similar Condensed Appellations—Robert C. Thomas, James M. Ethridge and Frederick G. Ruffner, Jr., Eds.—Gale Research Co., 2nd ed., 767 p., \$15. Gives meanings for 45,000 entries, ranging from 26 possible meanings for A, to explanation for X Yr Dev.

THE ADDICTIVE DRINKER: A Manual for Rehabilitation—Joseph Thimann, M.D.—Philosophical Lib., 159 p., \$6. Based on more than 20 years of clinical experience, the author presents the complexities of alcohol addiction and outlines methods of treatment that work.

ALCOHOLIC BEVERAGES IN CLINICAL MEDICINE—Chauncey D. Leake and Milton Silverman—Year Bk. Medical Publishers, 160 p., \$4.95. Offers the health profession information on the chemistry and pharmacological action of alcoholic beverages, indications and contraindications to their medicinal use, toxicity and cultural attitudes.

AMERICANS IN SPACE: Five Years of Manned Space Travel—Ross Olney—Nelson, 130 p., photographs, illus., \$3.25. Readable and concise summary of the U.S. manned space program.

BASIC CHEMICAL THERMODYNAMICS—Jurg Waser—Benjamin, W. A., 278 p., diagrams, \$8; paper, \$3.95. For undergraduates enrolled in general chemistry or elementary physical chemistry courses, covers in detail the application of enthalpy, free energy, chemical potential to the treatment of chemical equilibrium, phase transformation and electro-chemistry.

BASIC CONCEPTS IN QUANTUM MECHANICS—Alexander S. Kompaneys, transl. from Russian, Leon F. Landovitz, Ed.—Reinhold, 152 p., diagrams, paper, \$3.95. Clear presentation of the fundamentals with a minimum of mathematics.

BIOLOGY: ITS PRINCIPLES AND IMPLICATIONS—Freeman, 2nd ed., 771 p., photographs, drawings by Evan L. Gillespie, portraits by Howard Warshaw, \$9.50. A broadly conceived modern introduction to biological science, revised to account for developments in molecular biology and unifying concepts of ecology.

CATALOG OF LIVING WHALES—Philip Hershkovitz—Smithsonian Institution (GPO), 259 p., paper, \$1. A worldwide checklist of the cetaceans, including taxonomic and distributional data up to March 1965.

CATHODE RAY TUBE DISPLAYS—Theodore Solter, Merle A. Starr and George E. Valley, Jr.—Dover, 746 p., illus., paper, \$3.25. Unabridged reprint of vol. 22 in the M.I.T. Radiation Laboratory Series, originally published in 1948.

THE CONTINENT OF CIRCE: Being an Essay on the Peoples of India—Nirad C. Chaudhuri—Oxford Univ. Press, 320 p., plate, \$7. Erudite and controversial analysis of the different religious groups of India, the development of the caste system and the Anglicized bureaucracy of India.

CYTOLOGY—G. B. Wilson and John H. Morrison—Reinhold, 2nd ed., 319 p., illus., \$8.50. Updated text with many new illustrations, stresses fine structure and understanding of cell components and their operation.

DINOSAURS AND MORE DINOSAURS—M. Jean Craig—Four Winds Press, 96 p., illus. by George Solonevich, \$2.95. Dramatically illustrated story of the development of dinosaurs, for young readers.

DIPOLE METHODS FOR MEASURING EARTH CONDUCTIVITY—L. M. Al'pin and others, selected and transl. from Russian by George V. Keller—Consultants, 302 p., diagrams, paper, \$27.50. On the theory of dipole sounding, transformation of sounding curves, methods of interpreting dipole resistivity soundings and other aspects of electrical sounding.

ELECTRODEPOSITION OF METALS IN ULTRASONIC FIELDS—Sergei Mikhailovich Kochergin and Galina Yakovlevna Vyaseleva, transl. from Russian—Consultants, 69 p., illus., paper, \$12.50. Results of original investigations during the last 15 years and experimental results gathered since 1953 in the Laboratory of Physical Chemistry of the Kazan Chemicotechnological Institute.

ELEMENTARY PHYSICS—F. W. Van Name, Jr.—Prentice-Hall, 289 p., illus., \$7.95. Presents the central ideas of physics without using any

mathematics more advanced than simple algebra, designed for nonscience majors.

FOR CONSPICUOUS GALLANTRY: Winners of the Medal of Honor—Donald E. Cooke—Hammond, C. S., 95 p., illus. by Jack Woodson, \$3.50. The stories of a representative cross section of Medal of Honor recipients from each of the principal wars, including two peacetime recipients, Charles Lindbergh and William C. Mitchell.

FREUD AND HYPNOSIS: The Interaction of Psychodynamics and Hypnosis—Milton V. Kline—Matrix House, 210 p., \$1.65. Reprint (1958) of a study concerned with the reasons for Freud's rejection of hypnosis and the differences between the use of hypnosis in Freud's day and its current uses.

HOW TO USE A MICROSCOPE—Walter Shepherd—New Am. Lib., 127 p., illus., 9 plates, paper, 60¢. Reprint (1964).

THE INTERNATIONAL HANDBOOK OF GROUP PSYCHOTHERAPY—J. L. Moreno, Ed.—Philosophical Lib., 747 p., photographs, \$17.50. A survey of trends in group therapy with contributions from more than 150 authors on developments in some 50 countries, several contributions are in German, French or Spanish.

LABORATORY STUDIES IN GEOLOGY—John P. Miller and Robert Scholten—Freeman, W. H., 194 p., illus., folded map, paper, \$3.75. Revised version of laboratory exercises published in loose-leaf form in 1962, intended for use in elementary physical geology courses.

THE MYSTERY OF TIME—Harry Edward Neal—Messner, 190 p., photographs, \$3.95. The story of man and his relationship to time, tells about calendars, clocks and watches, gadgets, time zones, standard and daylight saving time, space time, experiments with time and proverbs.

NATIONAL ENGINEERING AFFAIRS: Environmental Pollution, Natural Resources, Technical Information—Stanley Klein, Ed.—Engineers Jt. Council, 44 p., illus., paper, \$1. Summary report on a two-day seminar held in spring 1966 in Washington, D.C.

THE NEW MATH MADE SIMPLE—Albert F. Kempf—Doubleday, 149 p., diagrams, paper, \$1.45. Designed to help the student go beyond routine computational skills, covers material taught during the first eight years of mathematics.

ORGANIC CHEMISTRY—L. Oliver Smith, Jr. and Stanley J. Cristol—Reinhold, 966 p., illus., \$12.50. Introductory textbook, presents experimental facts in a systematic organization, deals in separate units with fundamental principles of organic structure and classification, with organic reactions, and the constitutive physical properties.

POSSESSION, DEMONIAL & OTHER: Among Primitive Races, in Antiquity, the Middle Ages and Modern Times—T. K. Oesterreich—University Bks., 430 p., \$10. Reissue of English translation (1930) of scholarly German work (1921) on the history of possession with analysis of its nature and relationship to other phenomena such as hysteria, mediumship, clairvoyance and telepathy.

PRINCIPLES OF GROUP TREATMENT—Eric Berne—Oxford Univ. Press, 379 p., \$6.50. A systematic treatise on the use of transactional analysis in groups, based on more than 20 years of clinical experience and information provided by group therapists about practices in a wide variety of institutions.

PROPHET WITH HONOR: Dr. William Henry Welch—William D. Crane—Messner, 191 p., \$3.25. Juvenile biography of one of the recognized authorities in the field of experimental pathology.

REPORT FROM MARS: Mariner IV 1964-1965—Jet Propulsion Laboratory, California Institute of Technology—GPO, 48 p., photographs, diagrams, paper, 50¢. Reviews the scientific accomplishments of one of the most outstandingly successful space probes thus far.

THE ROCKEFELLER FOUNDATION: The President's Review from the Annual Report 1965—J. George Harrar—Rockefeller Foundation, 115 p., photographs, paper, single copies free upon request direct to Foundation, 111 W. 50th St., New York 10020. Reviews the Foundation's cultural and humanitarian programs for which more the \$35 million were appropriated last year.

SOCIAL CHANGE IN DEVELOPING AREAS: A Reinterpretation of Evolutionary Theory—Herbert R. Barringer, George I. Blanksten and Raymond W. Mack, Eds.—Schenkman Pub. Co., 328 p., \$7.95; paper, \$2.95. Contributions range from discussion of human cultural evolution and its relation to organic evolution of insect societies, to a paper on the social transformation of the Albanian elite.

SOLID STATE CHEMISTRY—R. L. Myuller; Z. U. Borisova, Ed., transl. from Russian—Consultants, 256 p., diagrams, paper, \$25. Special report presenting results of investigation of the kinetics of the crystallization of glasses by the method of measuring the electric conductivity.

THE STARS—Colin A. Ronan—McGraw, 32 p., illus. by David A. Hardy, \$2.95. A natural science picture book introducing young readers to outer space.

THE STONES OF VENICE—John Ruskin, abridged by J. G. Links, Ed.—Hill & Wang, 254 p., illus., paper, \$1.95. Reprint (1964).

THE TEACHERS AND THE TAUGHT IN THE U.S.S.R.—William Benton, preface by Sen. J. W. Fulbright—Atheneum, 174 p., \$4.50. Based on a recent trip to the U.S.S.R., the book offers a view of the current state of education in Russia, including notes from conversations with Soviet leaders.

THE THEORY OF BETA RADIOACTIVITY—E. J. Konopinski—Oxford Univ. Press, 403 p., diagrams, \$12. Presents the interplay of experimental discovery and theoretical speculation which led to the present theory of beta radioactivity, and of allied phenomena such as the muon and pion decays.

VACATIONS, U.S.A.: Getting the Most for Your Travel Dollar—Michael Frome—Kiplinger (C. S. Hammond), 149 p., illus. by Thomas M. Hickson, \$4.95. Practical suggestions for low-cost family trips by seasons, by theme (handicrafts, ghost towns, public gardens), nature camps, canoe trips, lodgings and packaged tours.

THE VOICES OF TIME: A Cooperative Survey of Man's Views of Time as Expressed by the Sciences and by the Humanities—J. T. Fraser, Ed.—Braziller, 710 p., illus., \$12.50. Philosophical essays with comments and notes, grouped in four parts; considering man's attitude toward change; rhythm and behavior rhythm; life and earth; clocks, man and the universe.

WEEDS OF THE WORLD: Biology and Control—Lawrence J. King—Interscience, 526 p., plates, illus., \$18. This plant science monograph deals in detail with the origin and evolution of weeds, their botany, spread and interaction with crop plants, herbicides and non-chemical methods of control of the world's weeds.

WORKBOOK FOR INTRODUCTORY COLLEGE CHEMISTRY—Floyd J. Quick—Macmillan, 177 p., paper, \$2.95. Supplementary drill work and practice in problem solving.

YOU AND YOUR CHILD'S CAREER: A Guidance Handbook for Parents, Teachers and Counselors—Daniel Sinick, Norman Feingold, Ed.—B'nai B'rith Vocational Service, 44 p., graphs, paper, \$1.50. Designed to help parents, teachers and counselors guide youth toward optimal vocational choice.

• Science News, 89:400 May 21, 1966

GENERAL SCIENCE

The Lancet to Have North American Edition

➤ A NORTH AMERICAN edition of The Lancet, one of the oldest and most famous medical journals in the world, will be published and distributed by Little, Brown and Company, Boston, beginning July 1.

The Lancet will continue to be distributed on a subscription basis and will be identical with the London edition in editorial text. The American printing, however, will be on heavier paper and will contain American advertising. The Lancet is published in England each Saturday; the American edition will appear the following Wednesday. The magazine was first published in London in 1823.

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