

Books of the Week

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APPRAISING PERSONALITY: An Introduction to the Projective Techniques—Molly Harrower—Watts, F., rev. ed., 302 p., illus., \$5.95. Originally (1952) written to acquaint physicians with psychosomatic problems as seen by the clinical psychologist, revision includes chapter on "truths from tall tales" and new case histories.

BALLY, THE BLUE WHALE: Life Story of the Largest Living Mammal—Boris Arnov—Criterion Bks., 96 p., illus. by John Mack, \$3. A factual account for young readers.

BEYOND THE SOLAR SYSTEM: Willy Ley, foreword by Werner von Braun—Viking, 108 p., paintings by Chesley Bonestell, photographs, diagrams, \$6.50. For young adults, discusses and helps visualize the technological problems involved in a voyage to the stellar system of Alpha Centauri, the world of the binary stars.

A BRIEF HISTORY OF SCIENCE: A. Rupert Hall and Marie Boas Hall—New Am. Lib., 352 p., diagrams, paper, 75¢. Original paperback, written for the general reader, surveys the development of science and its great men ranging from Babylonian astrologers to 20th century physicists.

CANCER: The Search for Its Origins—John H. Woodburn—Holt, 158 p., illus., paper, \$1.28. Discusses for the advanced high school student contributions of research scientists on the innermost aspects of cells, tissues and organs.

CONTINUITY AND CHANGE IN LATIN AMERICA: John J. Johnson, Ed.—Stanford Univ. Press, 282 p., \$6.75. Scholarly examination of recent changes in the status and behavior of selected social groups such as peasants, the military, rural and urban labor, industrialists and students.

THE COURTSHIP OF ANIMALS: Millicent E. Selsam—Morrow, 95 p., illus. by John Kaufmann, \$2.95. About animal behavior connected with mating, from fish to spiders, at intermediate grade school level.

THE CURIOUS WORLD OF CRYSTALS: Lenore Sander—Prentice-Hall, 64 p., illus. by John Kaufmann, \$3.25. Tells boys and girls how crystals grow and how crystal structures can be changed.

DIVERSIONS & PASTIMES: R. M. Abraham—Dover, 122 p., illus. by author, paper, \$1. Reprint (1935) of recreational mind teasers with coins, cards, string, paper and matches.

EVALUATION OF RECORD PLAYERS FOR LIBRARIES, Series II: United States Testing Company—Library Techn. Project, Am. Lib. Assn., 68 p., photographs, paper, \$6. Report discusses components of record-playing equipment and describes in detail 12 different players and their performance.

EXPERIMENTS IN PSYCHOLOGY: Laboratory Studies of Animal Behavior—Donald S. Blough and Patricia McBride Blough—Holt, 159 p., illus., \$2.50;

paper, \$1.28. Acquaints the student with the creative, experimental side of psychology reflecting the attitude that behavior is lawful, and shows how some experimenters have searched for the laws.

THE EYE OF HISTORY: The Motion Picture from Magic Lantern to Sound Film—Julius Pfgrager, transl. from German by Theodore McClintock—Rand McNally, 240 p., diagrams, \$4.50. Tells the story of the pioneer opticians, painters, mathematicians, physicists, chemists, inventors and industrialists who contributed to the development of photography and the motion picture.

THE FIRST BOOK OF THE WORLD HEALTH ORGANIZATION: Sam and Beryl Epstein—Watts, F., 82 p., photographs, \$2.65. An impressive glimpse of the work and world-wide projects of WHO.

GIVE MY HEART: The Dr. Marion Hilliard Story—Marion O. Robinson—Doubleday, 348 p., photographs, \$5.50. The personal biography of the woman doctor who was Chief of Obstetrics and Gynecology at Toronto's Women's College Hospital.

GUIDE TO ACTIVATION ANALYSIS: William S. Lyon, Jr., Ed.—Van Nostrand, 186 p., diagrams, \$5.95. Reference volume prepared under the auspices of the Division of Isotopes Development, U.S., Atomic Energy Commission.

THE JOURNALS OF DAVID E. LILIENTHAL, Vol. I: The TVA Years 1939-1945; Vol. II: The Atomic Energy Years 1945-1950—David E. Lilienthal—Harper, 734 p., 666 p., photographs, \$10 each. Detailed personal records of a public servant at decision-making level, covering a stormy and creative period in the formulation of U.S. government policies in public power developments.

JUNIOR SCIENCE BOOK OF POND LIFE: Alexander L. Crosby—Garrard Pub. Co., 64 p., illus. by Jean Zallinger, \$2.50. Addresses itself to beginning readers.

MALARIA ROSS: Josephine Kamm—Criterion Bks., 181 p., illus. by Anne Linton, \$3.50. Juvenile biography about Nobel Prize winner.

MAN IN NATURE: Marston Bates—Prentice-Hall, 2nd ed., 116 p., illus., \$3.95; paper, \$1.75. Treats the biological aspects of human ecology, revised edition incorporates new material on primates and human evolution.

THE MANY WORLDS OF MAN: Jack Conrad—Crowell, 305 p., photographs, drawings by Stephen Rogers Peck, \$6.95. In layman's language, anthropologist surveys the diversity of racial and cultural differences in man, outlines hereditary mechanisms and man's response to the demands of climate, microbes and geography.

MONOPOLY POWER AND ECONOMIC PERFORMANCE: The Problem of Industrial Concentration—Edwin Mansfield, Ed.—Norton, 174 p., \$4. Contains 20 articles assessing the implications of business size and market domination for the U.S. economy as a whole.

MONTE CARLO METHODS: J. M. Hammersley and D. C. Handscomb—Wiley, 178 p., \$4.75. Monograph on the present state of Monte Carlo methods.

MORE NEW WAYS IN MATH: Arthur Jonas—Prentice-Hall, 72 p., illus. by Alik, \$3.25. In simplest terms, amusingly illustrated, explains new terms in expressing the idea of number.

ON ANCIENT CENTRAL-ASIAN TRACKS: Brief Narrative of Three Expeditions in Innermost Asia and Northwestern China—Sir Aurel Stein; introd. by Jeannette Mirsky, Ed.—Pantheon Bks., 290 p., photographs, map, \$5.95. Deciphers some of Central Asia's history, based on extended archaeological field surveys.

OUR PLANT RESOURCES: Plants and Their Economic Importance—Frederick L. Fitzpatrick—Holt, 171 p., illus., \$2.50; paper, \$1.28. Treats plants in terms of their importance as food, textiles, drugs and other industrial products.

PATTERNS OF RACE IN THE AMERICAS: Marvin Harris—Walker, 154 p., illus., maps, \$4.50. Discusses the history and development of racial relations of Latin America in general.

PRINCIPLES OF PHYSICAL GEOGRAPHY: F. J. Monkhouse—Philosophical Lib., 5th ed., 511 p., photographs, maps, \$10. Comprehensive textbook treating land-forms, oceans, climate, soils and vegetation and their interrelationships.

PROJECTIVE GEOMETRY: H. S. M. Coxeter—Blaisdell Pub. Co., 162 p., diagrams, \$5. A well-organized course with exercises.

REDWOOD EMPIRE WILDFLOWER JEWELS: Dorothy King Young—Naturegraph Pubs., 80 p., 120 color photographs, \$4.50; paper, \$2.95. Describes plant families in alphabetical order for the beginning naturalist, covering the Pacific coast region where the wildflower season lasts a full ten months.

RESEARCH IN GEOPHYSICS, Vol. I: Sun, Upper Atmosphere, and Space. Vol. II: Solid Earth and Interface Phenomena—Hugh Odishaw, Ed.—M.I.T. Press, 575 p., 595 p., illus., \$12.50 each; set of two vols. \$25. Major work, offers critical reviews and assessments in the various fields of the geophysical sciences by an international group of distinguished scientists, with emphasis on findings of the past decade.

ROADLESS AREA: Paul Brooks—Knopf, 260 p., illus. by author, \$4.95. Exploring wilderness areas by canoe and trail, from the Alaskan tundra to the game reserves of East Africa.

SCIENCE IN THE FEDERAL GOVERNMENT: A History of Policies and Activities to 1940—A. Hunter Dupree—Harper, 459 p., paper, \$2.75. Reprint (1957).

THE SCIENTIFIC METHOD:—Bernice Kohn—Prentice-Hall, 72 p., illus. by Ernest Cernichow, \$3.25. Explains the experimental method and relates some of the great steps forward taken by scientists who used it.

THE SECOND BOOK OF EXPERIMENTS: Leonard de Vries, transl. from Dutch by Eric G. Breeze—Macmillan, 110 p., illus. by Joost van de Woestijne, \$3.95. Easy experiments for young readers, explaining some of the laws and properties of liquids, sound, heat, force and light.

SOLVOLYSIS MECHANISMS: Edward R. Thornton—Ronald Press, 258 p., diagrams, \$7. May serve as an introduction to theoretical organic chemistry, surveying the important ideas generated by the study of simple solvolysis mechanisms.

STROBOSCOPES AND WHAT EVERYONE SHOULD KNOW ABOUT THEM: Leonard R. Crow—Educ. Bk. Pub. Co. (Vincennes, Indiana), 41 p., illus. by author, paper, \$2.85. Shows a great variety of designs produced with comparatively simple patterns rotated in stroboscopic light, and discusses the mathematics thereof.

THE THEORY OF MATRICES IN NUMERICAL ANALYSIS: Alston S. Householder—Blaisdell Pub. Co., 257 p., \$8.50. Develops the theory of matrices with special reference to those aspects of the theory most relevant to computational processes.

TOPLEY AND WILSON'S PRINCIPLES OF BACTERIOLOGY AND IMMUNITY, Vols. I and II: Sir Graham S. Wilson and A. A. Miles with others—Williams & Wilkins, 5th ed., 2,563 p., illus., \$35. Revised with the help of specialists, includes completely new chapters on virology and bacterial ecology, with index expanded to contain more than 6,000 subject entries.

A TRACER EXPERIMENT: Tracing Biochemical Reactions with Radiotopes—Martin D. Kamen—Holt, 126 p., illus., paper, \$1.28. To enrich multiple reference science courses, this volume discusses the way basic principles of chemistry, nuclear physics and electricity are implemented in radioactive tracing.

TROPICAL AQUARIUM FISH: Their Habits and Breeding Behavior: A. van den Nieuwenhuizen, transl. from Dutch by Alfred Leutscher—Van Nostrand, 200 p., photographs by author, \$15. Portrays in color and describes the habits of tropical fish such as their courtship, mating and sham mating, the development of their progeny and the care given to their young.

UNDERSTANDING ROCKETS AND THEIR PROPULSION: Craig Kuentz—Rider, J. F., 152 p., diagrams, paper, \$3.95. Written to give the layman a basic understanding of the principles, construction and flight of the various types of rockets.

VISION AND AUDITION IN LANGUAGE LEARNING: James J. Asher—Perceptual & Motor Skills, Monograph Supplement 1-V19 1964, 45 p., paper \$3. Presents data for the transfer of learning between sensory channels in studies including Spanish, Japanese, Russian, Turkish and Persian.

THE WORLD WAS HIS LABORATORY: The Story of Dr. Willis R. Whitney—Virginia Veeder Westervelt—Messner, 191 p., \$3.25. Juvenile biography about one of the great pioneers in American industrial research.

WOVEN STRETCH AND TEXTURED FABRICS: Berkeley L. Hathorne—Interscience, 359 p., illus., \$12.50. Covers the subject from the basic yarns and fibers through texturing, fabric design, fabric manufacturing, dyeing and finishing to marketing, including all patents of current processes for the texturing of thermoplastic yarns.

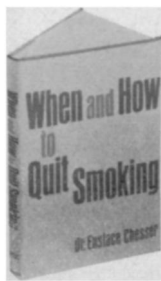
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