

Books of the Week

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THE ABC AND XYZ OF BEE CULTURE—A. I. Root, rev. by E. R. Root—R. Foot Co., Medina, Ohio, 33rd rev. ed., 703 p., 14 p. glossary, \$4.95. An encyclopedia pertaining to scientific and practical culture of bees.

ANATOMY AND PHYSIOLOGY FOR CHILDREN: Explained Through the Dissection of a Chicken—Jean M. Ashton, foreword by Cecilia van Voorhis Wood—Dover, 61 p., illus., paper, \$1.50. Original paperback, in which an experienced teacher shows how to teach anatomy and physiology to 10-12 year-olds and help them find answers to their questions.

THE ANCIENT WORLD—Giovanni Garbini—McGraw, 176 p., 200 illus., half in color, maps, \$5.95. Landmarks of the earliest civilizations in Mesopotamia, of the peripheral areas from Jericho to Phoenicia, of Egypt and Nubia.

APPLICATIONS OF NEON LAMPS AND GAS DISCHARGE TUBES—Edward Baumann—Signalite Inc. (Carlton Press, N.Y.), 160 p., illus., \$2.95. Practical application data on a wide variety of uses for neon glow lamps to perform specific functions in electronic circuitry.

BASIC RESEARCH, APPLIED RESEARCH AND DEVELOPMENT IN INDUSTRY, 1964—National Science Foundation—GPO, 122 p., paper, 65¢. A final report on a survey of R&D funds, 1964, and R&D scientists and engineers, Jan. 1965.

CHINA—Lois Mitchison—Walker & Co., 232 p., photographs, maps, \$6.50. Popular study of modern China.

CONFERENCE ON MURINE LEUKEMIA—Marvin A. Rich and John B. Moloney Eds.—GPO, 712 p., 103 plates, illus., \$6.25. Proceedings of Conference, supported by National Cancer Institute, National Institutes of Health and Albert Einstein Medical Center.

THE HUMAN SKULL: A Cultural History—Folke Henschen, transl. from Swedish, introd. by Kenneth P. Oakley—Praeger, 168 p., 76 plates, illus., \$7.95. Richly illustrated pathologist's excursion through history tracing the importance and symbolic meanings of the cranium in the cultural history of mankind.

JOHN F. KENNEDY AND THE NEW FRONTIER—Aida DiPace Donald, Ed.—Hill & Wang, 264 p., \$5.95. A book of essays examining the nature of the late President's leadership, his goals and his accomplishments.

THE LAND AND PEOPLE OF RUSSIA—Alexander Nazarov—Lippincott, rev. ed., 190 p., photographs, map, \$3.25. Portrait of a nation.

LINEAR DIFFERENTIAL EQUATIONS AND FUNCTION SPACES—Jose Luis Massera and Juan Jorge Schaffer—Academic Press, 404 p., \$16. Presents in detail the authors' recent studies concerning linear ordinary differential equations in the real domain.

MAN THE INVENTOR—M. H. Chandler—Rand McNally, 93 p., illus. in color by Mario and Fernando Russo, \$3.95. Originally an Italian publication for young boys.

MARTIN GARDNER'S NEW MATHEMATICAL DIVERSIONS FROM SCIENTIFIC AMERICA—Martin Gardner—Simon & Schuster, 253 p., illus, \$5.95. From binary magic to topological games and the calculation of pi.

MEASUREMENT: Pacemaker of American Economic Growth—Office of Public Affairs, U.S. Dept. of Commerce—GPO, 31 p., illus., paper, 25¢. A simplified explanation of the role measurement plays in the U.S. economy.

THE NATURE OF PERCEPTUAL ADAPTATION—Irvin Rock—Basic Bks., 289 p., illus., \$8.50. Concerned with the problem of adaptation

to the optical distortion produced when an observer views objects through prisms, deals with the existence of visual memory traces and experimental research on adaptation.

OMBUDSMEN AND OTHERS: Citizen's Protectors in Nine Countries—Walter Gellhorn—Harvard Univ. Press, 448 p., \$6.95. A scholarly study of governmental grievance procedures in Denmark, Finland, New Zealand, Norway, Sweden, Yugoslavia, Poland, the Soviet Union, Japan, and what they have in common.

PLEASURE OF RUINS—Rose Macaulay—Walker & Co. 466 p., 71 plates, \$7.50. World-wide coverage of the romantic attraction of archaeological and architectural sites and their literary associations.

PRACTICES IN THE TREATMENT OF LOW- AND INTERMEDIATE-LEVEL RADIOACTIVE WASTES: Proceedings of 1965 Symposium—Monica Krippner, Ed.—IAEA (Nat'l Agency for International Pubns., N.Y.), 952 p., illus., \$19. Jointly organized by the IAEA and ENEA, the symposium deals with practical aspects of the treatment of liquid and solid wastes, and with pertinent research work.

THE PRINCE WILLIAM SOUND, ALASKA, EARTHQUAKE OF 1964 AND AFTERSHOCKS—Fergus J. Wood, Ed.-in-Chief—Coast & Geodetic Survey (GPO), 263 p., illus., maps, \$6.50. This first of three volumes covers operational phases of the Coast & Geodetic Survey Program in Alaska from March 24 to December 31, 1964, and gives an account of the seismicity of Alaska.

QUEST FOR PEACE: The Story of the Nobel Award—Mortimer Lipsky—A. S. Barnes, 281 p., plates, \$6. Presents a study of the history of the Nobel Prizes from 1901 to the present in the context of the political developments.

REPORTS OF THE NORWEGIAN ARCHAEOLOGICAL EXPEDITION TO EASTER ISLAND AND THE EAST PACIFIC, Vol. 2: Miscellaneous Papers—Thor Heyerdahl and Edwin N. Ferdon, Jr., Eds.—Rand McNally, 512 p., 60 plates, 194 illus. and maps, \$15. Monographs of the School of American Research and the Kon-Tiki Museum, Oslo, Norway.

SCIENCE AND TECHNOLOGY FOR MANKIND'S PROGRESS: Do You Know Your Economic ABC's?—U.S. Dept. of Commerce (GPO), 46 p., illus., paper, 25¢. A simplified explanation of the importance of science and technology to further economic growth, with chronology and bibliography.

SCIENTIFIC RESEARCH IN BRITISH UNIVERSITIES AND COLLEGES, 1965-66, Vol. I: Physical Sciences, Vol. II: Life Sciences—Dept. of Education and Science and The British Council—HMSO (Brit. Information Service, N.Y.), 413 p., 426 p., paper, \$7.50, \$8. Fully indexed, reports on research in progress in British institutions of advanced technology.

SEPARATION SCIENCE, Vol. I, No. 1, 1966—J. Calvin Giddings and George W. Latimer, Eds.—Marcel Dekker, 134 p., illus., paper, \$3; annual subscription (6 issues), \$35. An interdisciplinary journal of methods and underlying processes from absorption to zone melting.

SOCIOLOGY AND REHABILITATION—Marvin B. Sussman, Ed.—Am. Sociological Assn., 265 p., single copies free upon request direct to A.S.A., 1001 Conn. Ave., Washington, D.C. 20036. Papers on progress in the rehabilitation field, theoretical and research perspectives, interpersonal processes, and rehabilitation organization.

SPIN-LATTICE RELAXATION IN IONIC SOLIDS—A. A. Manenkov and R. Orbach, Eds.—Harper, 453 p., illus., paper, \$5. Brings together a collection of closely related work ori-

ginally published in several languages, for students and research investigators concerned in paramagnetism.

THE STRUCTURE AND FUNCTIONS OF THE BRAIN—S. A. Sarkisov, transl. from Russian by Scripta Technica, Naomi Raskin, M.D., Ed.—Indiana Univ. Press 291 p., illus. \$12.50. Reviews the important advances in neurological research made during the past 30 years at the Moscow State Brain Research Institute.

STUDYING OUR FELLOW MAMMALS—Ernest P. Walker—Animal Welfare Institute, 174 p., illus., paper, \$1 direct to publisher, P.O. Box 3492, Grand Central Station, New York, N.Y. 10017. A series of thoughts and observations on living mammals, their behavior, intelligence, anatomy and physiology, care of captive animals and photography.

33 MILES A MINUTE: The Story of Air Transport—D. S. Halacy, Jr.—Messner, 191 p., plates, \$3.95. Explains the technicalities of supersonic transport to the general reader.

TWINS AND TWIN RELATIONS—Helen L. Koch—Univ. of Chicago Press, 302 p., tables, \$6.95. Based on an exploratory study of 90 pairs of five- and six-year-old twins, focusing on their attitudes to each other, to family and to playmates. General summary of essential findings included.

YOUR CAREER IN THE AEROSPACE INDUSTRY—Waldo T. Boyd—Messner, 222 p., photographs, \$3.95. Informs young people about the scope, opportunities and specific skills needed in the industry.

THE STORY OF DOGS—Patricia Lauber, foreword by Konrad Lorenz—Random House, 64 p., photographs, map, \$1.95. Gives children some background on the origin and history of dogs.

TEXTBOOKS

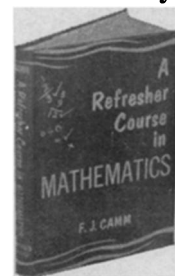
BASIC CONCEPTS OF ANATOMY & PHYSIOLOGY: A Programmed Study—W. B. Dean, G. E. Farrar, Jr., M.D., and A. J. Zoldos—Lippincott, 346 p., illus, paper, \$4.50. Includes 71-page booklet of tests with answers. Intended for medical technologists, nurses, and as a refresher course.

CALCULUS AND ANALYTIC GEOMETRY—Jack R. Britton, R. Ben Krieger and Leon W. Rutland—Freeman, 1069 p., diagrams, \$12.50. An introductory textbook for students in engineering and the sciences, organized so as to enable the student to reach the calculus within the first few weeks of the course.

MECHANICS OF SECONDARY OIL RECOVERY—Charles Robert Smith—Reinhold, 504 p., illus., \$18. Intended both as a textbook in courses on petroleum recovery and reservoir engineering and as a handbook for the practicing engineer.

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