

Books of the Week

For the editorial information of our readers, books received for review since last week's issue are listed. For convenient purchase of any U. S. book in print, send a remittance to cover retail price (postage will be paid) to Book Department, Science Service, 1719 N Street, N.W., Washington 6, D. C. Request free publications direct from publisher, not from Science Service.

THE ABC OF RELATIVITY—Bertand Russell—Allen & Unwin (*Essential Bks.*), rev. ed., 139 p., \$3.75. Explains for the nonmathematical reader Einstein's ideas of special and general relativity and their practical applications to gravitation.

ADVANCES IN APPLIED MICROBIOLOGY, Vol 1—Wayne W. Umbreit, Ed.—Academic, 304 p., \$9.50. Critical and definitive reviews of areas of microbiology of interest to the practical microbiologist, including reviews by foreign contributors.

AMERICAN RESEARCH ON RUSSIA—Harold H. Fisher, Ed.—Indiana Univ. Press, 240 p., \$5. This survey shows the areas and topics covered, analyzes the results and points out the gaps in need of further research.

ANCIENT POPULATION OF SIBERIA AND ITS CULTURES—A. P. Okladnikov—Peabody Museum, Russian Translation Series, Vol. I, No. 1, 96 p., illus., paper, \$3.50. Study by a leading Soviet archaeologist of the settlement of Siberia.

BASIC AUDIO, Vols. 1, 2 and 3—Norman H. Crowhurst—Rider, 368 p., illus., 3 vols. bound in one cloth binding \$9.95, paper \$8.70, single vol. paper \$2.90. Picture-book course, explaining the part each component plays in the audio system.

A BIOLOGICAL SURVEY OF KATMAI NATIONAL MONUMENT—Victor H. Cahalane—Smithsonian

Inst., Misc. Coll. Vol. 138, No. 5, 246 p., 17 plates, map, paper, \$3. Biological study of the unspoiled wilderness near the base of the Alaskan Peninsula in southwestern Alaska.

BLAKESLEE: The Genus Datura—Amos G. Avery, Sophie Satina and Jacob Rietsema, foreword and biographical sketch by Edmund W. Sinnott—Ronald, 289 p., illus., \$8.75. Complete account of the genetic investigations which Blakeslee and his associates carried on for over 40 years with several species of the plant genus *Datura*.

BOY'S BOOK OF TURTLES AND LIZARDS—Percy A. Morris—Ronald, 229 p., illus., \$4.50. For the beginning naturalist, it describes U. S. turtles and lizards, their size, markings, color, structure, habitat and food, and their known geographical limits.

CAREERS IN ELECTRONICS—Juvenal L. Angel—World Trade, 2nd rev. ed., 30 p., paper, \$1.25. Describes opportunities, training, areas of specialization, advantages and disadvantages of a career in electronics.

THE CHEMICAL ELEMENTS—Helen Miles Davis, rev. by Glenn T. Seaborg—Science Service, 2nd rev. ed., 198 p., paper, 50¢. The story of man's discovery of the building blocks of the universe. Up-to-date, fully indexed, valuable reference for student, teacher and chemist.

A DICTIONARY OF ELECTRONIC TERMS: Concise Definitions of Words Used in Radio, Television and Electronics—Robert F. Beam, Ed.—Allied Radio, 5th ed., 80 p., illus., paper, 35¢.

DICTIONARY OF SPOKEN RUSSIAN, Russian-English and English-Russian—Dover, 573 p., paper, \$2.75. More than 30,000 usable Russian

sentences and phrases, pronunciation guide, short grammar, geographical terms, weights and measures, holidays and foods.

DICTIONARY OF SPOKEN SPANISH, Spanish-English and English-Spanish—Dover, 513 p., paper, \$1.75. Based on phrases and complete sentences rather than isolated words, for travel, study and business.

DIRECTORY OF NUCLEAR REACTORS, Vol I: Power Reactors — *International Atomic Energy Agency (International Publications, N.Y.)*, 214 p., paper, \$3.50. Concise, authentic information on the 36 power reactors expected to be in operation by 1962 in the U.S., Great Britain, U.S.S.R., France, Belgium, Canada, Czechoslovakia and Sweden.

EDUCATING THE GIFTED: A Book of Readings—Joseph L. French, Ed.—Holt, 555 p., \$5.50. Selections discuss identifying characteristics, general and special school programs, acceleration, adjustment, underachievement and teacher training.

FUNDAMENTALS OF ELECTRONICS—F. H. Mitchell—Addison-Wesley, 2nd ed., 260 p., illus., \$6.50. Textbook for one-semester introductory course in electronics.

HOW OLD IS THE EARTH?—Patrick M. Hurley—Doubleday, 160 p., illus., paper, 95¢. On the structure of the earth, radioactivity, the measurement of geologic time and radiocarbon dating.

HUMAN EVOLUTION: Readings in Physical Anthropology—Noel Korn and Harry Reece Smith, Eds.—Holt, 447 p., illus., \$5.50. Provides material on classic Mendelian genetics, human population, evolutionary forces, paleontology, human fossil records and race.

AN INTRODUCTION TO PLASTICITY—William Prager—Addison-Wesley, 148 p., illus., \$9.50. Designed to supplement traditional texts on strength of materials and theory of structures primarily concerned with elastic behavior.

INVESTMENTS FOR PROFESSIONAL PEOPLE—Robert U. Cooper—Macmillan, rev. ed., 342 p., \$4.95. Offers the busy professional man or woman the tools for a systematically planned investment program.

LABORATORY EXERCISES FOR PHYSICS—Harvey E. White with Eugene F. Peckman—Van Nostrand, 184 p., illus., paper, \$2.96. Laboratory manual for students enrolled in an introductory course in fundamental physics.

LIFE UNDER THE MICROSCOPE—William M. Hutchinson, text by Kathleen Henderson—Maxton Pubs., 30 p., illus., 69¢. Illustrations based on exhibits in the American Museum of Natural History.

LIVING INSECTS OF THE WORLD—Alexander
(Continued on page 190)

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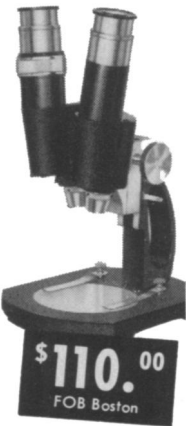
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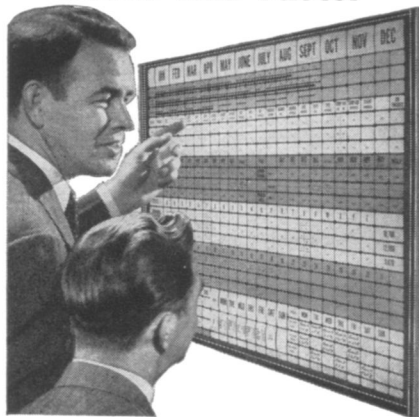
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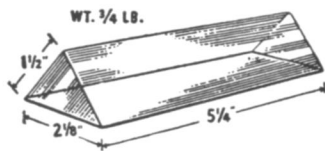
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Books of the Week

(Continued from page 188)

B. Klots and Elsie B. Klots—*Doubleday*, 304 p., 277 photographs by Andreas Feininger and others, drawings by Su Zan Noguchi Swain, \$9.95. Survey of the insect world and their extraordinary behavior, much enhanced by beautiful close-up color photography.

MAGNETS: The Education of a Physicist — Francis Bitter—*Doubleday*, 155 p., illus., paper, 95¢. Reminiscences of a physicist, serving as a lively introduction to the physics of magnetism, written for the layman and young student.

MAN OF COURAGE: The Story of Dr. Edward L. Trudeau—Kathryn E. Harrod—*Messner*, 192 p., \$2.95. Biography of the physician who founded America's first tuberculosis sanitarium.

MAXIMUM PERMISSIBLE BODY BURDENS AND MAXIMUM PERMISSIBLE CONCENTRATIONS OF RADIONUCLIDES IN AIR AND IN WATER FOR OCCUPATIONAL EXPOSURE—*Nat. Bureau of Standards (Govt. Print. Off.)*, Handbook 69, 95 p., paper, 35¢. Recommendations of the National Committee on Radiation Protection. Supersedes Handbook 52.

THE MODERN FAMILY HEALTH GUIDE—Morris Fishbein, Ed.—*Doubleday*, 1001 p., \$7.50. A home-reference volume of authoritative medical advice on diet, infant and child care, heart trouble, cancer, mental disturbances and other medical subjects. Also an encyclopedia of commonly used medical terms with simple definitions.

PETROLEUM REFINERY MANUAL—Henry Martyn Noel—*Reinhold*, 182 p., illus., \$7.95. Handbook of information on refinery design, construction and equipment, with emphasis on newer processes.

PLASTIC MAGIC: The Material of a Million Uses—C. B. Colby—*Coward-McCann*, 48 p., illus., \$2. Quick survey for the layman of the field of plastics, the different kinds, special uses and ways in which they are made.

RADIATION PRESERVATION OF FOOD — U.S. Army Quartermaster Corps. — *Off. of Tech. Serv.*, 461 p., illus., paper, \$5. Survey of the historical, physical and chemical aspects of food preservation by irradiation, and the biological and technological processes involved. Bibliographies included.

ZOO CELEBRITIES—William Bridges—*Morrow*, 127 p., photographs by Sam Dunton, \$2.95. Entertaining Bronx Zoo stories about cheetah, otter, gorilla and other animals.

Science News Letter, September 19, 1959

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