

Books of the Week

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ADVANCES IN RADIOCHEMISTRY AND IN THE METHODS OF PRODUCING RADIOELEMENTS BY NEUTRON IRRADIATION—Engelbert Broda—*Cambridge University Press*, 152 p., illus., \$2.75.

APPRENTICE JOE LEARNS CONSTRUCTION SAFETY—Bureau of Labor Standards—*Gov't. Printing Office*, 12 p., illus., paper, 10 cents.

THE BIOCHEMISTRY OF B VITAMINS—Roger J. Williams and others—*Reinhold*, 741 p., illus., \$10.00. A survey of the progress of research on the biochemistry of B complex vitamins.

CENTER FIRE AMERICAN AND BRITISH PISTOL AND REVOLVER CARTRIDGES, Vol. II: Cartridge Identification—Henry P. White and Burton D. Munhall—*Combat Forces Press*, 143 p., illus., \$7.50. A reference book.

CLEAN WATER IS EVERYBODY'S BUSINESS—Public Health Service—*Gov't. Printing Office*, 26 p., illus., paper, 20 cents. Graphic presentation of the problem, the objectives, and several suggested programs to aid in solving the problem.

THE GENERA *Chlorostilbon*, *Thalurania*, *Hylacharis*, and *Chrysironia*: Studies of Peruvian Birds. No. 58—John T. Zimmer—*American Museum of Natural History*, 31 p., 25 cents.

GENERAL CHEMISTRY: A First Course—L. E. Young and C. W. Porter—*Prentice-Hall*, 3rd ed., 608 p., illus., \$5.65. An introductory college text.

THE H-BOMB—Stewart Alsop, Atomic Energy Commission and others—*Didier*, 175 p., \$2.50.

Many aspects of the H-bomb are discussed, such as its military value, its scientific basis, the political complications, and the scientist's role. Introduction by Albert Einstein. Commentary by George Fielding Eliot.

HORMONE ASSAY—C. W. Emmens, Ed.—*Academic Press*, 556 p., illus., \$10.00. Biological and chemical methods of assaying hormones are presented.

HOW TO BUY, KEEP AND ENJOY YOUR CAR—Frank Mitchell—*Arco*, 176 p., illus., \$2.00. A handbook for automobile owners and drivers.

INTRODUCTORY NUCLEAR PHYSICS—David Halliday—*Wiley*, 558 p., illus., \$6.50. A textbook for graduate courses.

MAIZE IN THE GREAT HERBALS—John J. Finan—*Chronica Botanica*, 64 p., illus., \$3.00. The story of the arrival of maize in Europe as reflected in the works of the Renaissance herbalists.

METHODS IN FOOD ANALYSIS APPLIED TO PLANT PRODUCTS—Maynard A. Joslyn—*Academic Press*, 525 p., illus., \$8.50. A textbook stressing principles rather than practices.

NATURAL LANDSCAPES OF THE UNITED STATES—J. Francis MacBride—*Chicago Natural History Museum*, 47 p., illus., paper, 30 cents. A brief sketch of the natural botanical layout in the United States. Beautifully illustrated with black and white photographs.

NEGATIVE IONS—H. S. W. Massey—*Cambridge University Press*, 2nd ed., 136 p., illus., \$2.50. A monograph revised to include some of the latest research material.

1940 E. W. SCRIPPS CRUISE TO THE GULF OF CALIFORNIA—by Charles A. Anderson and others—*Geological Society of America—Memoir 43*, 331 p. illus., \$6.50. A report of this scientific exploration to determine the geologic processes which are or have been active in the Gulf. Maps are included.

100 BEAUTIFUL PIECES OF FURNITURE YOU CAN BUILD—Craftsman Editors, *Popular Mechanics Magazine*—*Popular Mechanics*, 160 p., illus., \$3.00. Many helpful hints on how to build your own furniture.

PHILANTHROPIC GIVING—F. Emerson Andrews—*Russell Sage Foundation*, 318 p., illus., \$3.00. A monograph on the new era of giving, a brief history of giving and much general information on fund-raising campaigns.

POPULAR MECHANICS RADIO-TELEVISION AND ELECTRONICS HANDBOOK—F. L. Brittin—*Popular Mechanics Press*, 160 p., illus., \$2.50. Many helpful aids for both professionals and amateurs.

RADIO ENGINEERING HANDBOOK—Keith Henney, Ed-in-Chief—*McGraw-Hill*, 4th ed., 1197 p., illus., \$10.00. Packed full of valuable data—charts, tables, circuits, diagrams and formulas.

SOURCEBOOK ON ATOMIC ENERGY—Samuel Glasstone—*Van Nostrand*, 546 p., illus., \$2.90.

Presents non-secret source material prepared at the instance of the Atomic Energy Commission. Introduction is written by Gordon Dean, Chairman, Atomic Energy Commission.

SPACE-TIME STRUCTURE—Erwin Schrodinger—*Cambridge University Press*, 119 p., illus., \$2.75. The geometry of the space-time theory underlying Einstein's General Theory of Relativity.

STANDARD TIME THROUGHOUT THE WORLD—R. E. Gould—*Gov't. Printing Office*, Nat'l. Bur. of Standards Circ. 496, 30 p., illus., paper, 15 cents. Contains specific information on standard time. For the general reader.

THE STORY OF CALIFORNIA PHARMACY—George Griffenhagen—*American Institute of the History of Pharmacy*, 58 p., illus., paper, \$1.00. A brief history.

SUPPLEMENT FOR 1949 TO CONSUMPTION OF FOOD IN THE UNITED STATES 1909-48—Bureau of Agricultural Economics—*Gov't. Printing Office*, U. S. Dept. of Ag. Misc. Publ. No. 691, 41 p., illus., paper, 25 cents.

TEACHING SOCIAL STUDIES IN HIGH SCHOOLS—Edgar Bruce Wesley—*Heath*, 3rd ed., 594 p., \$4.00. This revision contains the new developments in this field since 1945.

TELEVISION SERVICING—Walter H. Buchsbaum—*Prentice-Hall*, 340 p., illus., \$5.35. Written for service technicians.

AN ULTRAVIOLET MULTIPLY TABLE: The Spectra of Hydrogen, Helium, Lithium, Beryllium, Boron, Carbon, Nitrogen, Oxygen, Fluorine, Neon, Sodium, Magnesium, Aluminum, Silicon, Phosphorus, Sulfur, Chlorine, Argon, Potassium, Calcium, Scandium, Titanium, and Vanadium—Charlotte E. Moore—*Gov't. Printing Office*, Nat'l. Bureau of Standards Circ. 488, Sect. 1, 78 p., paper, 45 cents.

A WORLD AIRLIFT: The United Nations Air Police Patrol—Elvira K. Fradkin—*Funk & Wagnalls*, 216 p., illus., \$2.85. The author presents his idea for prevention of World War III.

Science News Letter, December 2, 1950

WILDLIFE

Buffalo Herd Growing; Largest in Recent Years

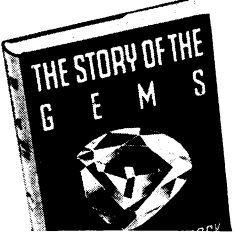
► THE largest herd of buffalo in North America, descendants of shaggy monsters which once roamed the continent by the millions, now totals between 12,000 and 15,000 animals.

This count was made in Wood Buffalo Park in the Canadian Northwest Territory and Alberta Province. It is reported by W. A. Fuller of the Canadian Wildlife Service. (*JOURNAL OF WILDLIFE MANAGEMENT*, Oct.)

The bison herd at the turn of the century stood at only 300 members. In 1893 the Canadian government made it illegal for any one to molest the bison. A warden service was established in 1911, and the buffalo park was created in 1922.

The recent count of the buffalos, made by plane, is believed to be the most accurate census yet taken of the growing herd.

Science News Letter, December 2, 1950



STORY OF THE GEMS
By HERBERT P. WHITLOCK
*Curator of Minerals and Gems,
American Museum of Natural History*

"The best popular book on gems we have seen . . . Combines in happy fashion the complete mineralogical background of precious and semi-precious stones with enough of the fascinating history of gems to make the book much more than a manual of cuttable stones . . . Very fine illustrations of cut gems, some in color, and of carved jade and other precious stones. An excellent book for the small library since it covers accurately a wide field."—*Saturday Review of Literature*

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