

Books of the Week

AERODYNAMICS—A. Wiley Sherwood—*McGraw-Hill*, 220 p., diags., and tables, \$2.75. In this book the author covers the more practical aspects of both theory and experiment in the field of aerodynamics. Emphasis has been placed upon the physical phase of the theory in order to hold the student's interest and to provide a general background suitable for more intensive mathematical work in the subject.

ARE YOU CONSIDERING PSYCHOANALYSIS?—Karen Horney, M. D., Ed.—*Norton*, 262 p., \$3. This book is directed to those who may be considering analysis for themselves or for their friends or relatives. Wherever possible its authors have given factual information. They convey an understanding of the meaning and goals of analysis and give to those who are seriously interested a clearer picture of its nature and aim.

CATHODE-RAY TUBES AND INSTRUMENTS—*Du Mont Laboratories*, 160 p., diags., illus., and graphs, \$1.00. A reference manual which contains the latest information pertaining to design, specification, and application of commercial cathode-ray tubes, oscillographs and associated equipment.

CONDUCTION ANESTHESIA: Clinical Studies of George P. Pitkin, M. D.—Edited by George L. Southworth, M. D. and Robert A. Hingson, M. D.—*Lippincott*, 981 p., illus., diags., and tables, \$18. A new book based on a 25-year clinical study of conduction anesthesia. The editors give a clear, authoritative picture of the clinical advantages of all anesthetic methods which interrupt nerve conduction without disturbing the mental faculties of the patient or interfering with body metabolism.

THE EARTH AND THE STARS—C. G. Abbot—*Van Nostrand*, 288 p., illus., diags., graphs and tables, \$3.75, rev. ed. This is the story of the enigma of the universe; of the stars and constellations and their relationship to the earth. The book contains information for everyone who wishes to learn more about the natural phenomena that surround him.

THE HUMAN FRONTIER: A New Pathway for Science Toward a Better Understanding of Ourselves—Roger J. Williams—*Harcourt, Brace and Co.*, 314 p., \$3. The author of this trail-blazing book discusses the urgent responsibilities of natural scientists in the field of social relations. In simple, straightforward language, he tells of the latest research work concerning human behavior.

MEDICAL RESEARCH: A Symposium—Austin Smith, M. D., Ed.—*Lippincott*, 169 p., illus., \$5. Here is medical research revealed with the candid perception of key men in the field. They trace the development of medical research from the philosophic view point, through laboratory and clinical trials, production, and publicizing. They present the role and inter-relation of all participants in medical research—the objectives, obligations and purposes of their work.

OIL ACROSS THE WORLD: The American Saga of Pipelines—Charles M. Wilson—*Longmans, Green and Co.*, 318 p., illus.,

\$3.50. In this book, the author traces the evolution of the pipeline through its infancy. In words easy to understand, he brings the pipeline to maturity, and along with the pipeline he traces the growth of the petroleum industry.

A PASTURE HANDBOOK—A. T. Semple, H. N. Vinall, C. R. Enlow and T. E. Woodward—*Gov't Printing Office*, 88 p., illus., and tables, paper, 15 cents. U. S. Dept. of Agriculture Misc. Publication No. 194.

PRIDE—THE SADDLE HORSE—*Encyclopaedia Britannica Press*, 40 p., illus., 50 cents. The action photos give the true life story of the training of Pride, the saddle horse. Its magnificent pictures will thrill even the youngest lovers of horses. *Encyclopaedia Britannica True Nature Series*, Book 7.

THE PRODUCTION OF TOBACCO—Wightman W. Garner—*Blakiston*, 516 p., diags. illus., and tables, \$4.50. Here is a comprehensive survey of the essentials of tobacco production and its problems, including the inter-relations of other phases of the industry.

QUANTITATIVE CLINICAL CHEMISTRY: Interpretations—John P. Peters, M. D., and Donald D. Van Slyke—*Williams & Wilkins*, 1041 p., diags., tables and charts, \$7. This volume covers the overall energy changes, and the chemistry and metabolism of the three major foods—carbohydrates, lipids, and proteins. Volume I.

RITUAL: Psycho-Analytic Studies—Theodor Reik—*Farrar, Straus and Co.*, 367 p., \$5. The author opens the first volume of his study of the psychological aspects of religion with a consideration of ritual rather than of mythology. The analytic research into ritual shows the connection between the religion of today and the superstitious beliefs of prehistoric times and throws a surprising light on the significance of modern and ancient religion.

SO YOU WERE ELECTED—Virginia Bailard and Harry McKnown—*McGraw-Hill*, 264 p., diags., and illus., \$1.80. In the student's own language and with appealing informal approach, this book brings to students real understanding of the qualities needed for successful student leadership, the duties of the leader, and the carrying out of student social activities in the modern high school.

TEXTBOOK OF ABNORMAL PSYCHOLOGY—Carney Landis and M. Marjorie Bolles—*Mcmillan*, 576 p., illus., and diags., \$4.50. This textbook has been written primarily for the use of the undergraduate student. The material is directed to those students who are majoring in psychology, education, sociology, biology, or theology.

VICTORY OVER PAIN: A History of Anesthesia—Victor Robinson, M. D.—*Shuman's*, 338 p., illus., \$3.50. In this book the author has written a comprehensive and fascinating account of the entire story of anesthesia, ranging from the "Drugs and Dreams" of earliest times to "Curare," the horror-drug of the jungle whose poison has been tamed by science and turned into a messenger of mercy.

Science News Letter, November 16, 1946

MEDICINE

Vaccine to Protect Against Flu Epidemic

► THE NEW vaccine against influenza A and B protects about 60% of those vaccinated. In event of an epidemic it might reduce absenteeism from 500 man-days to 200 per 1,000 employees. It would reduce overall yearly rate of absenteeism from all respiratory diseases such as colds, tonsillitis, grippe and influenza by only 6%.

These figures were presented by Dr. Anna M. Baetjer, of Johns Hopkins University, at the meeting of the Industrial Hygiene Foundation.

The common cold, she reported, accounts for one-fourth the annual billion-dollar loss due to respiratory diseases. There has been no reduction in absenteeism from this cause in the past 30 years.

"A study of past epidemics suggests that an epidemic of influenza A may possibly occur this winter but it is not certain whether such an epidemic would be general throughout great areas or would affect only certain local regions," Dr. Baetjer said.

"Industrial vaccination should not be started until there is some evidence of either influenza A or B in the community or neighboring areas. Such warnings may be expected from public health authorities or certain influenza research laboratories in various parts of the country. Persons sensitive to eggs should not be vaccinated since serious allergic reactions and even death may occur."

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