

• First Glances at New Books

Physics

THE EVOLUTION OF PHYSICS: THE GROWTH OF IDEAS FROM THE EARLY CONCEPTS TO RELATIVITY AND QUANTA—Albert Einstein and Leopold Infeld—*Simon and Schuster*, 319 p., \$2.50. Seldom does the lay reader have the chance, even in book form, to have an outstanding scientist sit down and chat with him about the happenings in that amazing world of atoms, energy, light and the universe which is the province of modern physics. Prof. Einstein and Dr. Infeld do not baffle the reader with the complex formulae which they might so easily have thrown in. As they put it, "The book is a simple chat between you and us."

Science News Letter, April 2, 1938

Technology

SYMPOSIUM ON CONSISTENCY. CRITICAL DISCUSSION ON PRESENT-DAY PRACTICES IN CONSISTENCY MEASUREMENT—*Amer. Soc. for Testing Materials*, 73 p., 85 c. Reprint of the nine papers presented at the symposium sponsored by the A. S. T. M. at its meeting in New York City on June 29, 1937.

Science News Letter, April 2, 1938

History

THEN CAME OIL: THE STORY OF THE LAST FRONTIER—C. B. Glasscock—*Bobbs-Merrill*, 349 p., illus., \$3. The human story behind the oil booms. Interesting tales of the early days in the oil country—Oklahoma and the Indian Territory—written in a conversational narrative style.

Science News Letter, April 2, 1938

Engineering

ROADSIDE DEVELOPMENT—Joint Comm. of State Highway Officials and the Highway Research Board—*Highway Research Board, National Research Council*, 52 p., 25 c.

Science News Letter, April 2, 1938

Physics

SPECTROSCOPY IN SCIENCE AND INDUSTRY. PROCEEDINGS OF THE FIFTH SUMMER CONFERENCE ON SPECTROSCOPY AND ITS APPLICATIONS HELD AT THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY, CAMBRIDGE, MASSACHUSETTS, JULY 19-22, 1937—*Wiley*, 134 p., \$3.

Science News Letter, April 2, 1938

Plant Physiology

PLANT CHEMICULTURE: A GUIDE TO EXPERIMENTS IN GROWING PLANTS WITHOUT SOIL (2d ed.)—C. D. Dawson and M. V. Dorn—*Published by authors, Los*

Angeles, Calif., 110 p., illus., \$1. Tray agriculture, as it has been popularly named, is attracting much attention, and many persons want to try their hands at it. Success (if measured in cash profits) can hardly be guaranteed; but if the pursuit of a fascinating hobby is sufficient reward, the thing may be undertaken. This little book tells what materials to use, and how to use them.

Science News Letter, April 2, 1938

Biography—Physiology

CLAUDE BERNARD, PHYSIOLOGIST—J. M. D. Olmsted—*Harper*, 272 p., \$4. For the first time in this century, the English-speaking public can read the story of the life and accomplishments of one of the world's greatest physiologists whose influence is still felt in medicine and related sciences.

Science News Letter, April 2, 1938

Physiology

ON A NEW GLAND IN MAN AND SEVERAL MAMMALS (GLANDULAE PARATHYREOIDEAE)—Ivar Sandström; Carl M. Scipel, tr.—*Johns Hopkins*, 44 p., illus., \$1. This is the first translation of Sandström's original account of his discovery, in 1877, of the parathyroid glands. Medical scientists who could not read the original Swedish have heretofore had to rely on two short German abstracts or translations from these, so the present volume will be widely welcomed in scientific circles. With the translation is a note on Sandström's life written by Dr. Johan August Hammar, professor emeritus of Anatomy in the University of Uppsala.

Science News Letter, April 2, 1938

Medicine

A HISTORY OF WOMEN IN MEDICINE FROM THE EARLIEST TIMES TO THE BEGINNING OF THE NINETEENTH CENTURY—Kate Campbell Hurd-Mead—*Haddam Press*, 569 p., illus., \$6. Women especially will be interested in this account of the achievements of their sex in the medical field. It is a little disappointing, perhaps, to find the record closes at the beginning of the 19th century, but the book is crowded with interesting information on earlier times.

Science News Letter, April 2, 1938

Medicine

PNEUMONIA AND SERUM THERAPY (Rev. ed.)—Frederick T. Lord and Roderick Heffron—*Commonwealth Fund*, 148 p., \$1. Important handbook for physicians and health authorities.

Science News Letter, April 2, 1938

Geography

AMERICAN GUIDE SERIES: U. S. ONE, MAINE TO FLORIDA—Federal Writers' Project of the W.P.A., comp.—*Modern Age Books*, 344 p., illus., 95 c. Back-seat drivers can improve their minds and have a wonderful time with this excellent little handbook, intended for motorists who ride up and down the eastern coast. It follows the route exactly, giving facts useful to the tourist, and enriching the trip by brief pointers on history and legend.

Science News Letter, April 2, 1938

Language

THE STORY OF THE ALPHABET (New ed.)—Edward Clodd—*Appleton-Century*, 209 p., illus., \$1.25. A popular account of the evolution of writing, in a new edition. A new foreword hints at recent archaeological discoveries bridging gaps in the pre-alphabet and alphabet eras. But the main body of the volume has not been revised to include this significant, though still controversial, material.

Science News Letter, April 2, 1938

Ethnology

THE APACHE INDIANS—Frank C. Lockwood—*Macmillan*, 348 p., \$3.50. The name Apache stands for savage cruelty, defiance, and cunning. Few people, however, know the epic story of these remarkable Indians, from their mysterious appearance in the Southwest down through their era of conflict with Uncle Sam, and their present state of wearing barbershop haircuts and cowboy hats. Dr. Lockwood tells the story with due regard for the Indian's side.

Science News Letter, April 2, 1938

Medicine

THE CONQUEST OF CHOLERA: AMERICA'S GREATEST SCOURGE—J. S. Chambers—*Macmillan*, 366 p., illus., \$4.75. An exciting, dramatic story of disease fighting, told in easily read style. The conquest of cholera epitomizes the history of scientific disease fighting.

Science News Letter, April 2, 1938

Natural History

A PRAIRIE GROVE—Donald Culross Peattie—*Simon and Schuster*, 289 p., \$2.50. (See page 221).

Science News Letter, April 2, 1938

Music—Archaeology

THE MUSIC OF THE SUMERIANS, BABYLONIANS AND ASSYRIANS—Francis W. Galpin—*Cambridge (Macmillan)*, 110 p., plates, \$7.50. (See page 216).

Science News Letter, April 2, 1938