

# • First Glances at New Books

## Archaeology-History

THE STORY OF CIVILIZATION: I, OUR ORIENTAL HERITAGE—Will Durant—*Simon and Schuster*, 1049 p., 85 figs., \$5. Again Dr. Durant has produced a volume weighty to hold but entertaining enough to make the reader forget that fact. Babylonia had trial marriages; Egypt, its beauticians; China tried New Deal experiments; and the Assyrians used stink bombs. Keeping his account vivid and human, the author has woven for each civilization a large tapestry-like picture of its virtues and shortcomings, its struggles and achievements. This is the first of a series of five volumes planned by the author.

*Science News Letter, August 10, 1935*

## Exploration

THE CONQUEST OF THE NORTH POLE, RECENT ARCTIC EXPLORATION—J. Gordon Hayes—*Macmillan*, 317 p., plates and maps, \$4.50. A companion volume to the author's "The Conquest of the South Pole." That well-known Polar exploration during the past 25 years is not being merely rehashed is vouched for by the statement: "The first account in English of several expeditions will be found here, and as a large proportion of the whole story is very little known it may thus possess the charm of novelty." The expeditions are described with much detail of facts, thereby increasing greatly the book's reference value.

*Science News Letter, August 10, 1935*

## Entomology

APPLIED ENTOMOLOGY—H. T. Fernald—*McGraw-Hill*, 415 p., \$3.50. Third edition of a well-known and successful textbook, brought up to date by the inclusion of material on recently introduced species, new control methods, etc.

*Science News Letter, August 10, 1935*

## Engineering

JONES' ESTIMATING TABLES ON AIR REQUIREMENTS AND DUCT SIZES FOR HEATING AND AIR CONDITIONING—*Domestic Engineering Publications*, 68 p., \$2. Tables for use by heating and air conditioning engineers.

*Science News Letter, August 10, 1935*

## Medicine

STATE HOSPITALS IN THE DEPRESSION; A SURVEY OF THE EFFECTS OF THE ECONOMIC CRISIS ON THE OPERATION OF INSTITUTIONS FOR THE MENTALLY ILL IN THE UNITED STATES—Paul O. Komora, Mary A. Clark and Ralph A. Pierson—*National Comm. for Mental Hygiene, Inc.*, 126 p.

*Science News Letter, August 10, 1935*

## Education-Engineering

THIRTY YEARS OF EDUCATION PIONEERING—Herman Schneider—*University of Cincinnati*, 32 p., free. Send 10c handling charge, if requested through Science Service. A brochure giving the history, experience and philosophy of the cooperative system of engineering education as practiced at the University of Cincinnati for three decades.

*Science News Letter, August 10, 1935*

## Hydraulics

CURRENT HYDRAULIC LABORATORY RESEARCH IN THE UNITED STATES—*National Bureau of Standards Bulletin No. 111-2*, 86 p., free. Current projects in this country and abroad are listed, and abstracts and references to completed abstracts are also given.

*Science News Letter, August 10, 1935*

## General Science

SCIENCE AND CULTURE: VOL. 1, NO. 1, JUNE, 1935—*Published at 93-A, Dhurrumtolla St., Calcutta, India, Monthly*, 61 p., illus. Subscription per year, 12 s; single copies, 1 s. A new journal devoted to the natural and cultural sciences, particularly of India. Discussing application of science to industry editorially: "With respect to our country, we would hold with Mahatma Gandhi that the spinning wheel and the bullock cart should be protected so long as the state cannot provide for the victims of unemployment; on the other hand, there should be unremitting effort to adopt the modern technic to all the needs of industrial and economic life, and the old antiquated methods should be discarded without a sigh or tear when the proper insurance against unemployment has been made."

*Science News Letter, August 10, 1935*

## Travel

RAND McNALLY ROAD ATLAS OF THE UNITED STATES, CANADA, AND MEXICO, 1935 ed.—*Rand McNally*, 104 p. Maps paper 75c.

*Science News Letter, August 10, 1935*

## Paleontology

NEW SPECIES OF TERTIARY CHEILOSTOME BRYOZOA FROM VICTORIA, AUSTRALIA—Ferdinand Canu and Ray S. Bassler—*Smithsonian Inst.*, 54 p., 9 plates, 30c.

*Science News Letter, August 10, 1935*

## Art Education

ART EDUCATION TODAY—Ed. by members of the Fine Arts Staff of Teachers College, Columbia University—*Teachers College*, 78 p., plates, \$1.25. A forum to which artists and teachers have contributed their distinctive viewpoints. The varied subjects include textile design, geometry in art, a Mexican school of sculpture, art education as a social study, and the motion picture in art education. The editors express the hope that this publication will continue as an annual to record significant contemporary ideas and experiments.

*Science News Letter, August 10, 1935*

## Scientific Biography

MEMORIES OF A SCIENTIFIC LIFE—Sir Ambrose Fleming—*Zondervan Publ. House*, 244 p., \$2. Probably only one person out of a thousand who owns a radio set knows who Sir Ambrose is; but every one should. In England the radio tubes of sets are known as valves and commonly referred to as Fleming valves. Sir Ambrose's pleasing account of his rich, full life discloses much more than his intimate contact with wireless telegraphy in the early years and radio in the later ones. He was scientific consultant for Edison in his British telephone and electric light ventures, which is a whole story in itself. Sir Oliver Lodge writes the foreword.

*Science News Letter, August 10, 1935*

## Sound

ANECDOTAL HISTORY OF THE SCIENCE OF SOUND TO THE BEGINNING OF THE 20TH CENTURY—Dayton Clarence Miller—*Macmillan*, 114 p., \$2.50. Prof. Miller is particularly adapted by his own contributions to the field of sound to fill a long-existing gap in the historical treatment of this interesting field of science. How large the gap has been up to the appearance of the present book can be judged when Prof. Miller points out that in four of the most widely used histories of science, which total over 2,000 pages, there are only a dozen pages discussing sound. The author's avocation of studying the science of musical instruments makes a section devoted to them one of the most fascinating parts of the book.

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