

• First Glances at New Books

Economics

HOW TO MAKE YOUR BUDGET BALANCE—E. C. Howard and Helen Fowle—*Amer. Inst. for Economic Research*, 143 p., \$1. Very practical and useful advice and information, uncontaminated by any commercial motive. Much of the information is put in the form of charts easily used. Subjects covered: Food, the home, clothing, personal allowance, transportation, insurance and savings, borrowing, etc.

Science News Letter, February 17, 1940

Aeronautics

YOUR CAREER IN AVIATION—Charles S. Mattoon—*Foster & Stewart*, 146 p., \$1.50. While probably every boy who wants to enter aviation wishes to be a pilot, only a few can be chosen. And yet there are scores of ground jobs in aviation, for every pilot's berth available. This book, by a personnel director of a leading airplane company, gives a summary of the many positions in the industry, what they pay, what qualifications are needed and how and where one can apply for them.

Science News Letter, February 17, 1940

Engineering

THE EXAMINATION OF PLACER DEPOSITS—Thomas A. Graves—*Richard R. Smith*, 168 p., \$3. Book for professional engineers on placer mining.

Science News Letter, February 17, 1940

Electrical Engineering

DRAKE'S CYCLOPEDIA OF RADIO AND ELECTRONICS (9th ed.)—Harold P. Manly and L. O. Gorder—*Drake*, 1059 p., \$5. The growth of radio and electronics is indicated by the appearance of this, the ninth edition of this encyclopedia, within eleven years. Besides radio, the fields of television, sound pictures, public address systems, photo cells and ordinary electricity are covered.

Science News Letter, February 17, 1940

Botany

FRANCIS WOLLE'S FILAMENTOUS MYXOPHYCEAE—Francis Drouet—*Field Museum of Natural History*, 64 p., 40c. (Botanical Series, Vol. 20, No. 2). Re-examination and critical description of an exceedingly difficult plant group.

Science News Letter, February 17, 1940

Evolution—Philosophy

DIE ENTSTEHUNG DES LEBENS DURCH STETIGE SCHOEFFUNG—Ignaz Lichtig—*Nordemann Publ. Co., New York*, 371 p., \$4.15. The author argues, largely on

philosophical grounds, for a continuous creation of living out of non-living substance. He holds that this has always gone on, and that it is going on today. If generally accepted, this theory would certainly have revolutionary effects.

Science News Letter, February 17, 1940

Political Science

INSIDE EUROPE (1940 War Edition)—John Gunther—*Harper*, 606 p., \$3.50. When the first edition of this book appeared, in 1935, it scored an immediate success. At least as great a success can be anticipated for the present edition, brought down to date to include the exciting events of the new wars that are scarring the world's face.

Science News Letter, February 17, 1940

Economics

ANNUAL REPORT OF THE TENNESSEE VALLEY AUTHORITY FOR THE FISCAL YEAR ENDED JUNE 30, 1939—*Govt. Print. Off.*, 478 p., 75c.

Science News Letter, February 17, 1940

Journalism—Technology

WRITING THE TECHNICAL REPORT—J. Raleigh Nelson—*McGraw-Hill*, 373 p., \$2.50. Help for those inarticulate when confronted with the necessity of producing written words. "The report writer must learn to give the reader what he wants in the form most adaptable to his uses."

Science News Letter, February 17, 1940

Architecture

ALL ABOUT HOUSES—Groff Conklin—*Messner*, 194 p., \$2. What it takes to build a house illustrated with photographs of virtually every step in housing construction. Every one of the millions of people who are building, or hope to build a home some day will enjoy the simple narrative and pictures that show some of the hidden mysterious operations which go into a finished home.

Science News Letter, February 17, 1940

Chemistry

A COURSE IN GENERAL CHEMISTRY (3rd. ed.)—William C. Bray and Wendell M. Latimer—*Macmillan*, 206 p., \$1.60. Chemistry as taught at the University of California in the introductory course. Every laboratory experiment listed has been tested in class for from two to seven years and the text material generally has been in use, except for revisions to keep abreast of progress, for nearly 20 years.

Science News Letter, February 17, 1940

Agriculture

AMERICAN HUSBANDRY—Harry J. Carman, ed.—*Columbia Univ. Press*, 582 p., \$5. One of the two most important source-books on the history of American agriculture in Colonial times, first published in London in 1775, is here carefully edited and reproduced for the use of modern scholars. The author, still unknown but conjectured to be the botanist John Mitchell, quite evidently had close first-hand knowledge of his subject from residence and extensive travels in America; he argues cogently for closer cooperation between the Mother Country and the Colonies, as an alternative to the strife and separation which began before the ink on his sheets was fairly dry.

Science News Letter, February 17, 1940

Zoology

ANIMALS ARE LIKE THAT!—Frank Buck—*McBride*, 240 p., \$2.50. Vivid and full of action, as Frank Buck's books always are. The photographic illustrations convey a sense of the intensity of tropical sunlight.

Science News Letter, February 17, 1940

General Science

ANNUAL REPORT OF THE SECRETARY OF THE INTERIOR, For the Fiscal Year Ending June 30, 1939—*Govt. Print. Off.*, 458 p., 75c.

Science News Letter, February 17, 1940

Television

THE VICTORY OF TELEVISION—Philip Kerby—*Harper*, 120 p., \$1. A layman's story of television; its history, early troubles, laboratory victories and its possibilities.

Science News Letter, February 17, 1940

Electrical Engineering

FORTY-EIGHT MILLION HORSES—Humphrey B. Neill—*Lippincott*, 241 p., \$2.50. The story of electrical energy, man's modern silent slave, and how it works for all of us to the tune of nearly 50,000,000 horsepower a year.

Science News Letter, February 17, 1940

Photography

WHAT YOU WANT TO KNOW ABOUT DEVELOPERS—Edmund W. Lowe—*Camera Craft*, 175 p., \$2.50. A technical book for the advanced photographer who does his own developing. The author discusses many sorts of fine-grain and non-fine-grain developers for film and paper.

Science News Letter, February 17, 1940