

# • First Glances at New Books

## Aeronautics

FROM CRATE TO CLIPPER, With Captain Musick, Pioneer Pilot—William Stephen Grooch—*Longmans, Green*, 243 p., \$2. The thrilling story of a famous airline pilot as told by his friend and fellow aviator.

*Science News Letter, November 11, 1939*

## Agriculture

SUCCESSFUL FARMING IN THE SOUTH—Paul W. Chapman—*Turner E. Smith*, 348 p., \$1.04. Agricultural reconstruction for the South must begin with the boys and girls who are going to be tomorrow's farmers. This simply written but comprehensive textbook can be counted on to serve as fertilizer in the right place—the young people's minds.

*Science News Letter, November 11, 1939*

## Chemistry

APPLIED CHEMISTRY—Sherman R. Wilson and Mary R. Mullins—*Holt*, 530 p., \$1.72. A high school text designed for students other than those taking the college preparatory course. Adults who wish to learn more of the chemical world around them will find use for this book.

*Science News Letter, November 11, 1939*

## Documentation

A PAMPHLET ABOUT PAMPHLETS—Lester Condit—*Univ. of Chicago Press*, 104 p., 75c. What to collect and preserve, how to arrange and file pamphlets. A bibliography and a list of manufacturers and dealers in equipment needed in the handling of pamphlets will be useful to librarians.

*Science News Letter, November 11, 1939*

## Genetics

SUGGESTIONS FOR TEACHING SELECTED MATERIAL FROM THE FIELD OF GENETICS—Anita D. Laton, Edna W. Bailey, Joseph Schwab and Gertrude W. Diedrich—*Teachers College, Columbia Univ.*, 66 p., 50c., (Monograph No. I, Bureau of Educational Research in Science).

*Science News Letter, November 11, 1939*

## Meteorology

METEOROLOGICAL RESULTS OF THE BYRD ANTARCTIC EXPEDITIONS 1928-30, 1933-35: TABLES—G. Grimmer and W. C. Haines—*Govt. Print. Off.* 277 p., \$1. (Monthly Weather Review, Supplement, No. 41.)

*Science News Letter, November 11, 1939*

## General Science

LOBSCOWS, The Clean-up of an Editorial Kitchen—Ivor Griffith—*International Printing Co.*, 548 p., \$3. The literary autobiography of the dean of the

Philadelphia College of Pharmacy and Science, editor of the *American Journal of Pharmacy*, etc. Its title comes from the merry Welsh dish that is a compromise between soup and stew, and in the book you will find both scientific meat and drink, well worth imbibing.

*Science News Letter, November 11, 1939*

## Biology

STIMULATIVE EFFECT OF SHORT LENGTHS OF THE ULTRAVIOLET ON THE ALGA *STICHOCOCCUS BACILLARIS*—Florence E. Meier—*Smithsonian Institution*, 19 p., 4 pl. 15c.

*Science News Letter, November 11, 1939*

## Chemistry—Technology

STANDARD CHEMICAL AND TECHNICAL DICTIONARY—H. Bennett—*Chemical Pub. Co.*, 638 p., \$10. A condensed technical word book containing over 25,000 definitions for students, writers, engineers and scientists.

*Science News Letter, November 11, 1939*

## Ethnology

EARLY FIRE-MAKING METHODS AND DEVICES—Warren N. Watson—*Author*, 608 *Woodward Building, Washington, D. C.*, 75 p., paper, \$1, cloth, \$1.50. Detailed description, with diagrams and photographs, of man's varied experiences with fire-making. A useful chapter for campers gives suggestions and precautions for fire making under adverse conditions.

*Science News Letter, November 11, 1939*

## Cartography

CATALOGUE OF TOPOGRAPHIC AND GEOLOGIC MAPS OF VIRGINIA—Joseph K. Roberts and Robert O. Bloomer—*Dietz Press*, 246 p., \$3.

*Science News Letter, November 11, 1939*

## Chemistry

DISCOVERY OF THE ELEMENTS (4th ed.)—Mary Elvira Weeks—*Journal of Chemical Education*, 470 p., \$3.50. Price change.

*Science News Letter, November 11, 1939*

## Ethnology

ETHNOGRAPHY OF THE FOX INDIANS—William Jones—*Govt. Print. Off.*, 156 p., 25 c. (Bureau of Amer. Ethnology, Bull. 125). A colorful figure in American anthropology was William Jones, a Harvard graduate who was part Fox Indian and spent his early childhood on the reservation. His untimely death in 1909 during a Philippine anthropological expedition left these notes on his own tribe unpublished.

*Science News Letter, November 11, 1939*

## Physics

MATTER AND LIGHT, The New Physics—Louis de Broglie—*Norton*, 300 p., \$3.50. The French Nobel Prize winner in physics and the first man to offer modern physics a satisfactory solution of its dilemma over wave and corpuscular theories here presents in simple, easy-to-read style the background and concepts underlying the new wave mechanics. Based on a book written in French in 1937, the new English translation has been brought up to date.

*Science News Letter, November 11, 1939*

## Chemistry

A HISTORY OF CHEMISTRY (3rd ed.)—F. J. Moore; William T. Hall, rev.—*McGraw-Hill*, 447 p., \$3. Attention is directed to the living chemistry and chemists of today, in contrast to the authors' previous attempt to cover only the past.

*Science News Letter, November 11, 1939*

## Geography

MONTANA, A State Guide Book—Federal Writers' Project—*Viking*, 442 p., \$2.50. Seeing America should become a more discriminating pastime, now that guide books of this caliber are being turned out for each state. This one provides the expected information on tours, maps, sights and history, and also manages to stress features that make Montana different. There is even a glossary to define words like cayuse and Chinook.

*Science News Letter, November 11, 1939*

## Geography

AUSTRALIA: Her Heritage—Her Future—Paul McGuire—*Stokes*, 349 p., \$3.50. One of the most readable and complete travel books of the year. Mr. McGuire says, "The Australian culture is something new in the world," and he proves it.

*Science News Letter, November 11, 1939*

## Agriculture

AMONG THE DANISH FARMERS—E. J. Perry—*Interstate, Danville, Ill.*, 191 p., \$1.60. Any one interested in the dairy industry will want to read this book.

*Science News Letter, November 11, 1939*

## Technology

PETROLEUM REFINING AND MANUFACTURING PROCESSES—Maxcine J. Japour—*Wetzel*, 310 p., \$5. The fundamentals of the refinery industry for oil men, and general knowledge of all petroleum products together with their applications in various industries.

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