

# •First Glances at New Books

## AERONAUTICS

AIR PILOTING, Manual of Flight Instruction (rev. ed.)—Virgil Simmons—*Ronald Press*, 758 p., illus., \$4. As in the first edition (1938) this book aims, apparently with much success, to illustrate and describe the best known means of developing pilot skill, and also to supply the technical information which the would-be pilot must have in passing his various examinations.

*Science News Letter, September 27, 1941*

## MEDICINE

THE FOOT AND ANKLE, Their Injuries, Diseases, Deformities and Disabilities (2d ed.)—Philip Lewin—*Lea & Febiger*, 665 p., illus., \$9. See p. 200.

*Science News Letter, September 27, 1941*

## FISHERIES

NEW ENGLAND'S FISHING INDUSTRY—Edward A. Ackerman—*Univ. of Chicago Press*, 303 p., illus., \$4. A book that can be read with profit not only by persons professionally interested in fisheries but by the "run-of-the-street" citizen who eats fish occasionally and also gives an occasional thought to the general welfare of his country.

*Science News Letter, September 27, 1941*

## AGRICULTURE—ECONOMICS

BETTER FARM LIVING, Family Aspects of Rural Life in the South—Paul W. Chapman—*Science Research Associates*, 208 p., illus., 84c. A book for use in the grade schools. If every farm child, white and colored, in the South were to learn all the lessons set forth here, and put them into practice when he grows up and has some land to look after, it wouldn't be long before folks elsewhere could stop feeling sorry for the rural South—a situation which must be irritating to every Southerner.

*Science News Letter, September 27, 1941*

## AGRICULTURE—ECONOMICS

AGRICULTURAL PRICE ANALYSIS—Geoffrey S. Shepherd—*Iowa State College Press*, 402 p., \$3.75. A book primarily for economists and price statisticians. To the layman, it tells at least that in the farm market things are not always what they seem.

*Science News Letter, September 27, 1941*

## ENGINEERING

TRANSACTIONS OF THE AMERICAN INSTITUTE OF MINING AND METALLURGICAL ENGINEERS, Vol. 142, Petroleum Development and Technology, 1941, Pe-

troleum Division—*American Institute of Mining and Metallurgical Engineers*, 587 p., \$5. Includes the papers and discussions presented before the Division at the meetings held in New York, Los Angeles and Tulsa during 1940, in which many phases of the petroleum industry are covered.

*Science News Letter, September 27, 1941*

## TECHNOLOGY

INDUSTRIAL PLASTICS (2d ed.) — Herbert R. Simonds—*Pitman*, 385 p., illus., \$4.50. The enormous progress made in plastics in the past few years makes a new edition of this comprehensive yet simply worded treatise very welcome. A considerable portion of the original text has been rewritten and brought up to date, a section has been added on Plastics in War Time, and material has been included concerning new types of plastics developed since the first edition.

*Science News Letter, September 27, 1941*

## CLIMATOLOGY—ANTHROPOLOGY

ENVIRONMENT AND NATIVE SUBSISTENCE ECONOMIES IN THE CENTRAL GREAT PLAINS—Waldo R. Wedel—*Smithsonian Institution*, 29 p., illus., 20c. See page 201.

*Science News Letter, September 27, 1941*

## HYGIENE

PERSONAL HYGIENE APPLIED (7th ed., rev.) — Jesse Feiring Williams — *Saunders*, 529 p., illus., \$2.50.

*Science News Letter, September 27, 1941*

## PHARMACY

DRUG AND SPECIALTY FORMULAS—Emil J. Belanger—*Chemical Pub. Co.*, 307 p., \$6. This is a compilation of the tested working formulas used by the author during more than 25 years experience as a pharmacist. It includes formulas for cosmetics, drugs, household specialties, and veterinary specialties not hitherto disclosed, and a directory of "Sources of Supply."

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## ENGINEERING

SANITARY ENGINEERING, Water Supply, Sewerage, Water and Sewage Treatment—Harry G. Payrow—*International Textbook Co.*, 483 p., charts, \$4. This is an introductory text-book for sanitary engineering and other students. Especially attractive are the chapters on stream flow, dams and reservoirs. A number of original contributions to sanitary engineering are made in this book.

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## GEOGRAPHY—HISTORY

AMERICAN POLYNESIA, Coral Islands of the Central Pacific — Edwin H. Bryan, Jr.—*Tongg Pub. Co., Honolulu, Hawaii*, 208 p., \$1.50 cloth; \$1 paper. An island by island account of nearly 30 picturesque isles, giving a map and brief history and outstanding facts of interest regarding each. The author, a curator on the staff of the Bernice P. Bishop Museum in Honolulu, states that accurate and up-to-date information about these islands is hard to obtain, but he has personally visited 20, and the museum has had expeditions out to the others. A 15-page bibliography completes the book.

*Science News Letter, September 27, 1941*

## MATHEMATICS

ALGEBRA, A Text-book of Determinants, Matrices, and Algebraic Forms—W. L. Ferrar—*Oxford Univ. Press*, 202 p., \$3.50. The sections on determinants and matrices are suitable for high school or college students, the part on algebraic forms for university students. The latter part contains canonical forms, orthogonal transformations, invariants and covariants.

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## ENGINEERING

HOW TO DESIGN AND INSTALL PLUMBING (2d ed.) — A. J. Matthias, Jr. — *American Technical Society*, 442 p., illus., \$3. In the new edition a chapter has been added, in which the design and installation of a complete plumbing system for a modern six-room and two-bath house are explained and illustrated.

*Science News Letter, September 27, 1941*

## PHILOSOPHY

DICCIONARIO DE FILOSOFIA—Jose Ferrater Mora — *Editorial Atlante, S. A., Calle de las Artes, 55, Mexico, D. F., Mexico*, 598 p., \$4. (American money). A dictionary of philosophy which contains not only explanations of philosophic terms but also outlines of the philosophical position of the outstanding philosophers of the world. In Spanish.

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## BACTERIOLOGY

LABORATORY GUIDE IN ELEMENTARY BACTERIOLOGY—M. S. Marshall—*Blakiston*, 244 p., \$1.75. A standard laboratory course; ring-bound, with printed directions and blank pages for notes alternating, waterproof cover. All round, a thoroughly practical manual.

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