

# •First Glances at New Books

## AERONAUTICS

**FLYING FLEETS, A Graphic History of U. S. Naval Aviation**—S. Paul Johnston *Duell, Sloan and Pearce*, 188 p., illus., \$3. The story of the development of the Navy's air arm is here told in pictures, with words of explanation, from its beginning 30 years ago down to the present time. Aircraft and accessories of all types are illustrated, including balloons, dirigibles, parachutes and parachuters, the autogyro, airplane carriers and catapults.

*Science News Letter, October 18, 1941*

## AERONAUTICS

**AIRCRAFT INSTRUMENTS**—George Ellis Irvin—*McGraw-Hill*, 506 p., illus., \$5. The innumerable instruments that are used on or in connection with an airplane are here described and illustrated in minute detail. Their manner of operation and use are explained, and instructions for installing, handling, testing and repairing are given. It is a manual for students, pilots, inspectors and repair men.

*Science News Letter, October 18, 1941*

## NUTRITION

**FOOD VALUES IN WARTIME**—Violet G. Plimmer—*Longmans, Green*, 80 p., 40c. See page 246.

*Science News Letter, October 18, 1941*

## AERONAUTICS

**AVIATION FROM SHOP TO SKY**—John J. Floherty—*Lippincott*, 215 p., illus., \$2. Everything is told in this book about the making of airplanes and their engines from the blueprint to the finished ship in the sky. Included is an account of the men who design, make, test and fly them, of their training and experiences and of the many crafts employed. The book is illustrated with many fine photographs taken by the author.

*Science News Letter, October 18, 1941*

## ANTHROPOLOGY

**CULTURE ELEMENT DISTRIBUTION: XV SALT, DOGS, TOBACCO**—A. L. Kroeber—*Univ. of Calif. Press*, 20 p., illus., 25c., (Anthropological Records Vol. 6, No. 1). A study of three specific subjects among 279 groups of Indians west of the Rockies

*Science News Letter, October 18, 1941*

## GEOGRAPHY

**INDIANA, A Guide to the Hoosier State**—Work Projects Administration Writers' Program, Indiana — *Oxford Univ.*

*Press*, 548 p., illus., \$2.75. Follows the plan of other volumes in the now well-known American Guide Series. That means that it contains much information about Indiana's background from prehistoric archaeology to present industries and arts, and that it provides guidebook information about leading cities, and ends with 20 motor tours around the State.

*Science News Letter, October 18, 1941*

## GEOGRAPHY

**MESA VERDE NATIONAL PARK** — *Mesa Verde Company, Mesa Verde National Park, Colorado*, illus., 60c. A photograph album of about 15 sizable pictures of one of the most famous and remarkable of the Indian cliff-dwelling communities.

*Science News Letter, October 18, 1941*

## GEOGRAPHY

**ICELAND, The Island in the Limelight**—Amédée Astraud; Gaston Benedict, trans.—*American Herald Pub. Co.*, 47 p., illus., \$1. Compactly gives the reader a quick survey of Iceland's industries, climate, literature, social conditions, and other points of interest.

*Science News Letter, October 18, 1941*

## ARCHAEOLOGY

**CLASSIFICATION AND DESCRIPTION OF INDIAN STONE ARTIFACTS**—E. B. Renaud—*Colorado Archaeological Society: Copies available from author, University of Denver*, 36 p., 50c. A pocket reference booklet for student use, containing drawings and basic information regarding types of Indian artifacts and methods of their production.

*Science News Letter, October 18, 1941*

## MEDICINE—SOCIOLOGY

**SOCIETY AND MEDICAL PROGRESS** — Bernhard J. Stern — *Princeton Univ. Press*, 264 p., \$3. In order to give a better understanding of the present dilemma which the author says now faces medicine in America, he has traced the history of medicine side by side with the social and economic history of mankind, showing how each has affected the other.

*Science News Letter, October 18, 1941*

## MEDICINE

**FATAL PARTNERS, War and Disease**—Ralph H. Major — *Doubleday, Doran*, 342 p., \$3.50. A timely and interesting book with a final chapter on medical aspects of the first year of the present war.

*Science News Letter, October 18, 1941*

## ELECTRICITY

**BENJAMIN FRANKLIN'S EXPERIMENTS, A New Edition of Franklin's Experiments and Observations on Electricity**—I. Bernard Cohen—*Harvard Univ. Press*, 453 p., \$4. Benjamin Franklin's little known book on electricity, one of the most popular scientific books of its time, which went through several editions but is now almost unobtainable, is here made available to the modern reader. An introduction, an account of the previous state of electrical knowledge and of Franklin's own contributions, has been supplied by the editor. Other letters of Franklin to the Royal Society, papers and material not included in the earlier editions nor in the latest edition of Franklin's Works, have also been included.

*Science News Letter, October 18, 1941*

## ANTHROPOLOGY

**GESTURE AND ENVIRONMENT** — David Efron—*King's Crown Press, Morningside Heights, New York, N. Y.*, 185 p., \$2.25. See page 243.

*Science News Letter, October 18, 1941*

## MATHEMATICS

**COLLEGE ALGEBRA (2d ed.)** — H. P. Pettit and P. Luteyn — *Wiley*, 247 p., \$1.90. This second edition has been largely rewritten and new chapters have been added on probability and the method of finite differences. The problems are almost completely changed.

*Science News Letter, October 18, 1941*

## CHEMISTRY

**pH AND ELECTRO TITRATIONS (2d rev. ed.)**—I. M. Kolthoff and H. A. Laitinen — *Wiley*, 190 p., diagrams, \$3. In this edition a fourth part, "Voltammetry (Polarography) and Amperometric Titrations," has been added to the three parts of the original edition. These three parts, however, have been thoroughly revised and brought up to date.

*Science News Letter, October 18, 1941*

## ETHNOLOGY

**THE FOLK CULTURE OF YUCATAN** — Robert Redfield—*University of Chicago Press*, 416 p., \$3.50. A study of culture transitions in four progressively advanced communities, from tribal village to city. Presented as a book "for reading" and also as a report for presenting facts, Dr. Redfield's account of his findings is very enlightening on the subject of how civilization comes to primitive people.

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