

# • First Glances at New Books

## Radio

**FUNDAMENTALS OF RADIO**—Frederick E. Terman and F. W. MacDonald—*McGraw-Hill*, 458 p., \$3.75. Stanford University's professor of electrical engineering presents a new edition of his comprehensive book covering all phases of radio communication. The volume is written from the viewpoint of the engineer who is interested not only in the qualitative phases of radio phenomena, but also in making quantitative analyses for research purposes.

*Science News Letter, April 23, 1938*

## Medicine

**THE BIOLOGICAL STANDARDIZATION OF THE VITAMINS**—Katharine H. Coward—*William Wood*, 227 p., \$4.50. A technical book which should prove useful to scientists working in the vitamin field. The author is reader in biochemistry at the University of London and head of the nutrition department of the Pharmaceutical Society of Great Britain.

*Science News Letter, April 23, 1938*

## Archaeology

**THE BIBLICAL ARCHAEOLOGIST**—*American Schools of Oriental Research*, quarterly, 50 c. per year. See page 268.

*Science News Letter, April 23, 1938*

## Physiology

**THE ART AND SCIENCE OF MARRIAGE**—Esther B. Tietz and Charles K. Weichert—*Whittlesey House*, 279 p., \$2.50. Besides the specific information and advice on marriage itself, this book describes simply and fully the physiology of reproduction. Dr. Morris Fishbein, editor of *The Journal of the American Medical Association*, has written a foreword.

*Science News Letter, April 23, 1938*

## Herpetology

**THE WAY OF A SERPENT**—T. H. Gillespie—*McBride*, 221 p., illus., \$2.50. A popular account of the habits of snakes. It tells about them as they live in nature, and also gives suggestions to such as desire to cultivate their closer acquaintance as pets—they make excellent pets. The photographic illustrations are very good.

*Science News Letter, April 23, 1938*

## Physics

**COLLEGE PHYSICS**—Henry A. Perkins—*Prentice-Hall*, 820 p., \$3.75. The professor of physics at Trinity College gives his version of introductory work in physics. He states in his preface: "The purpose of this book is to give the students

a substantial grasp of physical principles rather than to describe phenomena. The more difficult portions are therefore treated more fully than is usual in elementary texts. Difficulties are met without evasion and without sacrificing clearness in an attempt to be brief."

*Science News Letter, April 23, 1938*

## Aeronautics

**AMERICAN WINGS: MODERN AVIATION FOR EVERYONE**—Burr Leyson—*Dutton*, 215 p., illus., \$2. A popular manual of aviation, with a heavy emphasis on military aeronautics. Well illustrated with official Army and Navy photographs. Omitting details on the technical side of flying, it still manages to cover those portions of the field coming to public view.

*Science News Letter, April 23, 1938*

## Philology

**DES JOSEF BEN GORION (JOSIPPON) GESCHICHTE DER JUDEN, NACH DEN HANDSCHRIFTEN IN BERLIN, LONDON, OXFORD, PARIS UND STRASSBURG**—Murad Kamil, ed.—*Augustin*, 333 p., 12 plates, \$15. This Ethiopic version of the Pseudo-Josippon's history of the Jews, from early times to the reign of Titus, is of interest to students of Ethiopia's language and Jewish tradition in Ethiopia. Explanations of the Ethiopic text are given in German.

*Science News Letter, April 23, 1938*

## Traffic Safety

**SAFETY FIRST—AND LAST**—Charles E. Dull—*Holt*, 262 p., illus., \$1.75. This clear and very interesting book is designed as a text for the safety classes in high schools. It is well organized and questions are given at the end of each chapter which not only serve as a review but also promote thought. A considerable part of the book is devoted to a discussion of the safety problem in connection with automobiles but the other phases of accidents are described.

*Science News Letter, April 23, 1938*

## Geography

**WINGS OVER ASIA, A GEOGRAPHIC JOURNEY BY AIRPLANE**—Lowell Thomas and Rex Barton—*Winston*, 399 p., \$1.20. In true modern style, via airplane, these two traveler guides carry young readers into the lands of the east. A supplementary geography text for high school age, the book presents the countries from as many angles as possible—economic, physical, quaint and colorful, social.

*Science News Letter, April 23, 1938*

## Physiology

**THE DEUCE OF REDUCING**—Katherine Mitchell—*Covici-Friede*, 112 p., \$1.50. This is a delightfully jolly, highly readable book on reducing written by an authority. Sample menus, including directions for what to eat at a dinner party without gaining pounds and pounds, and tables of food values are included.

*Science News Letter, April 23, 1938*

## History

**BEGINNINGS OF TOWN-LIFE IN BRITAIN**—R. E. M. Wheeler—*British Association for the Advancement of Science, London, Eng.*, 8 p., 6d. See page 269.

*Science News Letter, April 23, 1938*

## Marine Engineering

**EVERY BOY'S BOOK OF GREAT LINERS**—J. D. Burgan White—*Appleton*, 96 p., illus., \$1.50. The story in picture and word of today's ocean liners. Tells, too, of the make-up of an Atlantic greyhound's crew, navigation, shipbuilding and the internal workings of a great vessel.

*Science News Letter, April 23, 1938*

## Geography

**BEYOND HORIZONS**—Lincoln Ellsworth—*Doubleday Doran*, 403 p., \$3.50. The making of a great explorer, told in a wealth of fascinating detail, from his boyhood days when he acquired his ideal of physical endurance, to the exciting fulfillment of his dreams in the Arctic and Antarctic. A long story, never dull.

*Science News Letter, April 23, 1938*

## Astronomy

**ASTRONOMY**—W. M. Smart—*Oxford*, 158 p., \$1.50. The professor of astronomy at the University of Glasgow writes about planets and the stars for the layman. Two-thirds of the book is devoted to a discussion of the various planets.

*Science News Letter, April 23, 1938*

## Economics

**THE INCOME STRUCTURE OF THE UNITED STATES**—Maurice Leven—*Brookings Institution*, 177 p., \$1.50. This is the story of the American pocketbook, not just the cash, but the accrual aspects of our income. It considers particularly the situation since 1929.

*Science News Letter, April 23, 1938*

## Biography

**THE AMERICAN CATHOLIC WHO'S WHO, 1938 and 1939**—*Walter Romig and Company*, 491 p., \$6.50. A due proportion of scientists are listed among the clergy, religious, and laity whose names and biographies fill this book.

*Science News Letter, April 23, 1938*