

• First Glances at New Books

Additional Reviews
On Page 144

HISTORY

THE CULTURAL APPROACH TO HISTORY—Caroline F. Ware, ed.—*Columbia Univ. Press*, 359 p., \$3.50. Gathered in this very significant volume are the views of many specialists of our day, explaining how the writing of history is changing. Our era has become deeply conscious of the force of societies in shaping events. Contributing to the discussion, which was originally in the form of papers at the American Historical Association's 1939 meeting, are an anthropologist, social psychologist, psychoanalyst, and specialists in linguistics, folk music, and population study, as well as historians.

Science News Letter, March 1, 1941

BIOCHEMISTRY

THE BIOCHEMISTRY OF SYMBIOTIC NITROGEN FIXATION—Perry W. Wilson—*Univ. of Wisconsin*, 302 p., illus., \$3.50. A monograph of great usefulness to plant physiologists, agronomists, and all students of nutritional problems in plants. The present knowledge of nitrogen fixation by symbiotic organisms is ably and thoroughly summarized, and directions are indicated in which future research may be fruitfully conducted.

Science News Letter, March 1, 1941

MEDICINE

HEALTHFUL LIVING (rev. ed.)—Harold S. Diehl—*Whittlesey House*, 499 p., illus., \$2.75. Authoritative advice on the business of keeping well, written in a style that is easy to understand and to follow.

Science News Letter, March 1, 1941

ZOOLOGY

PONDS, POOLS, AND PUDDLES—Marjorie Ethel Wells and Essie G. Hanson—*Binfords & Mort*, 192 p., illus., \$1.50. A little book about the invertebrate animal life forms most commonly found in small fresh-water bodies. Although apparently intended for a young audience, no attempt has been made to "write down" to a junior level by leaving out "hard" words.

Science News Letter, March 1, 1941

BOTANY

PLANTS AND MAN—Clarence J. Hylander and Oran B. Stanley—*Blakiston*, 518 p., illus., \$3. A well-arranged, cleanly-illustrated textbook in economic botany, that can serve excellently as a general reference work also. The de-

votion of the first half-dozen chapters to an exposition of the general principles of botany, before specific discussion of economic plants is undertaken at all, is most praiseworthy.

Science News Letter, March 1, 1941

PALEOBOTANY

AN INTRODUCTION TO THE STUDY OF FOSSIL PLANTS—John Walton—*Macmillan*, 188 p., illus., \$3.75. The plant kingdom's long history is passed in review, from its first faint beginnings in the pre-Cambrian down to the dawn of modern times, and the structures and probable life-histories of typical genera of all the principal groups are set forth in lucid text and with splendid illustrations.

Science News Letter, March 1, 1941

HISTORY

MIND THROUGH THE AGES, A History of Human Intelligence—Martin Stevers—*Doubleday, Doran*, 521 p., illus., \$3.75. A panorama of progress from the Stone Age, designed to show how ideas have evolved, and how man struggled against odds to form patterns of society and to develop invention, commerce, and sciences. The history ends with the present, and the question of how to use the heritage most fruitfully.

Science News Letter, March 1, 1941

ELECTRICAL ENGINEERING

THE METER AT WORK—John F. Rider—*John F. Rider Publisher*, 152 p., 138 illus. and diagrams, \$1.25. This is a practical book for service men and others who employ electric meters. It has a novel construction, the illustrations constituting the upper third of the book, and being separate from the text below. Thus, any figure may be kept constantly in view, while the lower pages are being turned.

Science News Letter, March 1, 1941

NAVAL SCIENCE

HOW TO BE A NAVAL OFFICER—Yates Stirling, Jr.—*McBride*, 194 p., illus., \$1.75. The Navy has always had decided attractions as a career, and right now, with huge increases in officer and enlisted personnel necessary, it offers unusual opportunities to interested young men. This book will give to youths ambitious to enter Annapolis a very good idea of what their life there will be like, and what will be their work after graduation.

Science News Letter, March 1, 1941

GEOGRAPHY

AN ATLAS OF WORLD REVIEW—Clifford H. MacFadden—*Crowell*, 68 p., maps, \$1.95. An atlas in the modern manner, organized to present ready-reference background for the world's news. Readers today want to see on the map shipping routes, naval bases, location of strategic resources, and reasons for Balkan vulnerability. This small atlas provides over 100 maps, plus text comment.

Science News Letter, March 1, 1941

ETHNOLOGY

YOU AND YOUR SUPERSTITIONS—Brewton Berry—*Lucas Brothers*, Columbia, Mo., 249 p., illus., \$2.13. Summing up a comprehensive and entertaining account of superstitions, past and present, the author concludes that superstitions still flourish because man is not good at logic, he is conservative, and he finds civilized life still insecure and precarious "and something has to be done about it." Only security will smash superstition, is his final word.

Science News Letter, March 1, 1941

PHYSICS—CHEMISTRY

PHYSICAL CHEMISTRY, An Introduction—E. A. Moelwyn-Hughes—*Cambridge (Macmillan)*, 660 p., \$9.50. This copious work, the author explains, is designed to provide, in English, a treatise that covers the ground from an introduction up to the most advanced university courses. It is complete in itself, for all theorems are derived, and no proof taken for granted. Naturally, the book is highly technical.

Science News Letter, March 1, 1941

PSYCHOLOGY

GENERAL PSYCHOLOGY—Raymond B. Cattell—*Sci-Art Publishers*, 624 p., illus., \$3.50. An elementary textbook by the G. Stanley Hall professor of genetic psychology at Clark University.

Science News Letter, March 1, 1941

Speak read **SPANISH**



Quickly, Easily, Correctly

The language of new opportunities for successful careers. The world-famous Linguaphone Conversational Method enables you to speak, read and understand Spanish—or any of 27 languages—in an incredibly short time. An authentic course, in your own home, commended by thousands.

Send for FREE Book
LINGUAPHONE INSTITUTE
31 R.C.A. Building New York City

•First Glances at New Books

Additional Reviews
On Page 143

ASTRONOMY

SPLENDORS OF THE SKY—Charles and Helen Federer, comps.—*Sky Publishing Corp.*, 35 p., illus., 25c. Many photographs of comets, nebulae and other astronomical objects, taken with great telescopes, have an aesthetic appeal, even aside from their scientific interest and the impressive character of the objects they portray. Sixty-two illustrations, beautifully reproduced, some, of these objects, others, of the instruments with which they were taken, make this paper-bound booklet a publication that many will enjoy. Accurate and concise captions briefly explain the pictures, a number of which are full page (9 $\frac{7}{8}$ " x 11 $\frac{7}{8}$ ") in size.

Science News Letter, March 1, 1941

RELIGION—LINGUISTICS

THE NEW TESTAMENT, According to the Eastern Text—Trans. from original Aramaic sources by George M. Lamsa—*Holman*, 527 p., maps, cloth \$3, Levant grain \$4, leather \$5. People who speak Aramaic, the language of Jesus, and who have kept alive old idioms and customs in isolated areas of the Near East, hold a key to many obscure passages in Biblical text. Coming from such a region, the Assyrian theologian, Dr. Lamsa, presents in this translation the Aramaic sense of such passages, keeping meanwhile to the dignified King James style. For comparative study, verses significantly different from the Authorized King James Version are indicated on each page.

Science News Letter, March 1, 1941

GENERAL SCIENCE

REPORT ON THE PROGRESS AND CONDITION OF THE UNITED STATES NATIONAL MUSEUM FOR THE YEAR ENDED JUNE 30, 1940—Smithsonian Institution, U. S. National Museum—*Govt. Print. Off.*, 118 p., 15c.

Science News Letter, March 1, 1941

BIOLOGY

MICROBIOLOGY AND PATHOLOGY (5th ed.)—Charles G. Sinclair—*Davis*, 393 p., illus., \$3.25.

Science News Letter, March 1, 1941

ENGINEERING

MODEL RAILROADS, Planning, Construction, Operation—Edwin P. Alexander—*Norton*, 283 p., illus., \$4. If anyone entertains doubts that model railroading had become a serious hobby for adults this book should dispel them. Of par-

ticular interest to the model builder in his striving for exactness are the numerous detailed plans and photographs of full-size equipment.

Science News Letter, March 1, 1941

ASTRONOMY

ASTRONOMY—Clyde Fisher and Marian Lockwood—*Wiley*, 205 p., illus., \$2.25. In this interestingly and concisely written book, the curator-in-chief of New York's famous Hayden Planetarium and one of his associates have made an important contribution to the literature of elementary astronomy.

Science News Letter, March 1, 1941

DOCUMENTATION

ARCHIVES AND LIBRARIES, 1940—A. F. Kuhlman, ed.—*Amer. Library Assoc.*, 136 p., planographed, \$2. Papers presented at the 1940 Conference of the A. L. A., at joint sessions of the Committee on Archives and Libraries with kindred groups.

Science News Letter, March 1, 1941

MEDICINE

THE ALCOHOL PROBLEM VISUALIZED (2d ed.)—*The National Forum*, 96 p., illus., 75c.

Science News Letter, March 1, 1941

RADIO

AMATEUR RADIO, A Beginner's Guide—J. Douglas Fortune—*Thordarson Electric Mfg. Co.*, 155 p., illus., 75c. Complete and concise directions for anyone who wants to get a start in the fascinating hobby of amateur radio, either by code or phone. Though published by a large manufacturer of radio parts, the author, who has had wide experience, points out that products of other makers can be used just as well as those described.

Science News Letter, March 1, 1941

ENGINEERING

CONCRETE DESIGN AND CONSTRUCTION (Rev. ed.)—W. Herbert Gibson and Walter Loring Webb—*American Technical Society*, 500 p., illus., \$4.75. The treatise supplies the information needed by engineer, contractor and student interested in the design and manufacture of concrete, plain and reinforced. Such matters as the bonding of steel and concrete, allowable working stresses as well as the design of slabs and beams are discussed.

Science News Letter, March 1, 1941

RADIO

THE RADIO AMATEUR'S HANDBOOK, 1941 (18th ed.)—Headquarters Staff of the American Radio Relay League—*American Radio Relay League*, 552 p., illus., paper, \$1; buckram, \$2.50; Spanish edition, \$1.50. Anyone interested in amateur radio knows of this annual publication and how useful it is. Such persons only need be informed of the publication of a new edition to make them order a copy.

Science News Letter, March 1, 1941

MEDICINE

THE CONTROL OF TUBERCULOSIS IN THE UNITED STATES (Rev. ed.)—Philip P. Jacobs—*Natl. Tuberculosis Assn.*, 387 p., \$2. Of chief interest to workers in the fight against tuberculosis, this book also will provide information and valuable pointers for public health workers in general. Those who knew the author will find the book a fitting memorial to the man and his life-work.

Science News Letter, March 1, 1941

ORNITHOLOGY

A FIELD KEY TO OUR COMMON BIRDS—Irene T. Rorimer—*Cleveland Museum of Natural History*, 160 p., illus., \$1.50. A little, flexibly bound book, easy to slip into a pocket with plenty of small but clear illustrations (partly in color), a dichotomous field key, and compact analytical descriptions. Bird-watchers should find this a highly satisfactory field companion.

Science News Letter, March 1, 1941

PHOTOGRAPHY

HOW TO BUILD AND EQUIP A MODERN DARKROOM—Nestor Barrett and Ralph Wyckoff—*Camera Craft*, 133 p., illus., \$2. Worthwhile hints for anyone who uses a darkroom and especially interesting to anyone planning to construct one.

Science News Letter, March 1, 1941

COOKERY

FOODS OF OUR FOREFATHERS—Gertrude I. Thomas—*F. A. Davis*, 228 p., illus., \$2.50. Our ancestors may have been pioneers, but after reading this book we cannot believe they fared badly. The book is divided into three groupings of Southern, Middle and New England colonies; the text describes colonial life of the English, Dutch, French, and other localities, and gives recipes which will make your mouth water.

Science News Letter, March 1, 1941