

• First Glances at New Books

Additional Reviews
On Page 256

Horticulture

ADVENTURES WITH HARDY BULBS—Louise Beebe Wilder—*Macmillan*, 363 p., plates, \$5. Autumn is the time for planting most hardy bulbs, so that Mrs. Wilder's book comes to market just when it should come. To borrow a figure from a more plebeian bulb, the author "knows her onions": she shows an encyclopedic knowledge of the horticultural botany of the bulb ornamentals, and to this she adds the practical earthy ecology of an experienced gardener.

Science News Letter, October 17, 1936

Psychology

THE DREAM IN PRIMITIVE CULTURES—Jackson Steward Lincoln and C. G. Seligman—*Williams and Wilkins*, 359 p., \$4. Freudian theory is applied to dreams in various Indian tribes. Anthropologists who accept Freudian teachings will find it highly interesting to follow these theories into the lives of people to whom dreams are such powerful forces for shaping thought. Anti-Freudian readers will be more concerned with seeing how psychology can be used intensively to interpret anthropological data.

Science News Letter, October 17, 1936

Petrology

INTERPRETATIVE PETROLOGY OF THE IGNEOUS ROCKS—Harold Lattimore Alling—*McGraw-Hill*, 353 p., \$3. Not attempting to cover the whole field of petrology, the author has the more space available to make thorough and complete the part he does undertake. The explanatory diagrams are especially useful, giving in a single glance the essence of many pages of text.

Science News Letter, October 17, 1936

Science

PROCEEDINGS OF THE SECOND DEARBORN CONFERENCE OF AGRICULTURE, INDUSTRY AND SCIENCE, DEARBORN, MICHIGAN, MAY 12, 13 AND 14, 1936—*Farm Chemurgic Council and The Chemical Foundation, Inc.*, 409 p., 50c.

Science News Letter, October 17, 1936

Anthropology

YALE UNIVERSITY PUBLICATIONS IN ANTHROPOLOGY, NOS. 8 TO 13—Richard C. Thurnwald, William N. Fenton, C. F. Vogelin, William Morgan, Helen H. Roberts and George Peter Murdock—*Yale Univ. Press*, 163 p., \$2.50. Aside from Mr. Thurnwald's

paper on the profane literature of a Solomon Island tribe, this collection deals with Indian studies. The material includes such topics as the female creator deity of the Shawnee Indians, human-wolves among the Navajo, the differences in music sung and played by Indians in various regions of North America.

Science News Letter, October 17, 1936

Science

THE ADVANCEMENT OF SCIENCE: 1936—British Association for the Advancement of Science—*British Association, London*, 248 p., 3s. 6d. The annual assay of science's progress, which is conducted during the annual meeting of the British Association, is here made available through the publishing of addresses given before the recent Blackpool meeting.

Science News Letter, October 17, 1936

Anthropology

EGYPTIAN STELAE IN FIELD MUSEUM OF NATURAL HISTORY—Thomas George Allen—*Field Museum of Natural History*, 79 p., 43 plates, \$1.50. The Egyptian texts, translation, and photographs of the monuments are presented. The stones thus described served as false doors in tombs, or the tombstones which became evolutionary successors to the false door idea. They date from eleventh dynasty on to the Coptic era.

Science News Letter, October 17, 1936

Mathematics

DIAGRAMS IN THREE DIMENSIONS—E. R. Breslich—*Orthovis Co.*, 15 figures, with ortho-scope for viewing, \$2. By means of dual red and green drawing plus the familiar colored spectacles the three dimensional objects of solid geometry take on a new meaning which should help the student learn the subject with greater facility.

Science News Letter, October 17, 1936

Archaeology

EXCAVATION OF THE NOWLIN MOUND—Glenn A. Black. NOTES ON THE POTTERY—James B. Griffin and Frederick R. Matson, Jr.—*Indiana Historical Bureau*, 104 p., 69 plates, 25c. The process of examining contents of a well-known burial mound in Indiana is described. The mound is identified as the work of Indians whose manner of living resembled the Adena type of Mound Builder culture.

Science News Letter, October 17, 1936

Astronomy

CONSTELLATIONS—Franklin Institute Dept. of Astronomy, under direction of James Stokley—*Franklin Institute*—32 p., 35c. Star maps for a year, as they have appeared with Mr. Stokley's articles in the SCIENCE NEWS LETTER, together with concise but thoroughly adequate text descriptions, make this booklet a highly desirable addition to the field library of anyone who aspires to become better acquainted with the stars.

Science News Letter, October 17, 1936

Horticulture

SPRING FLOWERS FROM BULBS—Claire Norton—*Doubleday, Doran*, 94 p., \$1. Next spring's glory will spring largely from bulbs put into the earth during the present few fall weeks. This book, brief, practical, adequately illustrated, is therefore very timely.

Science News Letter, October 17, 1936

Biology

GENERAL BIOLOGY — James W. Mavor—*Macmillan*, 729 p., \$4. A full text for the beginning college course by the professor of biology at Union College.

Science News Letter, October 17, 1936

Chemistry

GENERAL CHEMISTRY—Harry N. Holmes—*Macmillan*, 700 p., \$3.50. Third edition of the popular text by Oberlin College's professor of chemistry.

Science News Letter, October 17, 1936

Science Teaching

THE HIGH SCHOOL SCIENCE TEACHER AND HIS WORK—Carleton E. Preston—*McGraw-Hill*, 272 p., \$2. For teachers and students of schools of education, written by the associate professor of the teaching of science at the University of North Carolina.

Science News Letter, October 17, 1936

Anthropology

MITLA, TOWN OF THE SOULS, AND OTHER ZAPOTECO-SPEAKING PUEBLOS OF OAXACA, MEXICO—Elsie Clews Parsons—*Univ. of Chicago Press*, 590 p., \$4. Indian or Spanish? To sort out these two elements that blend so perplexingly in Mexican customs today, Dr. Parsons has studied the life of a most interesting town, Mitla. The result is no technically worded report, but a lively account of her observations, written with Dr. Parsons' usual literary skill.

Science News Letter, October 17, 1936

• First Glances at New Books

Additional Reviews
On Page 255

Medicine

AN AMERICAN DOCTOR'S ODYSSEY—Victor Heiser—*Norton*, 544 p., \$3.50. The tale of Dr. Heiser's travels and experiences as officer of the U. S. Public Health Service and later as "drummer of ideas" for the Rockefeller Foundation's International Health Board makes a fascinating book. Dr. Heiser has modestly kept himself in the background, but his enthusiasm for the work he carried forward for so many years reaches through the pages of the book and carries the reader along with him over the adventurous years of life saving and health promoting.

Science News Letter, October 17, 1936

Science and Invention

THE NEW CHAMPLIN CYCLOPEDIA FOR YOUNG FOLKS, SCIENCE AND INVENTION—Vols. I and II—George Moreby Acklom, Ed.—*Henry Holt*, 1001 p., \$5.00 each volume. Profusely illustrated books packed with 15,708 articles so written that high school students can understand them, discussing the fundamental terms and principles of science and their applications through the inventive arts.

Science News Letter, October 17, 1936

Agriculture—History

THE SOCIAL HISTORY OF AMERICAN AGRICULTURE—Joseph Schafer—*Macmillan*, 302 p., \$2.50. At the present moment, when vast changes in the American and world social set-up hinge so largely on agrarian adjustments, there cannot be too much of thoughtful examination of our farm-life picture. Dr. Schafer, who is superintendent of the State Historical Society of Wisconsin, one of the greatest of our farming communities, has had peculiarly advantageous opportunities to observe, and here shows correspondingly good ability in understanding and reporting.

Science News Letter, October 17, 1936

Forestry—Manufacture

FROM FOREST TO FURNITURE, THE ROMANCE OF WOOD—Malcolm H. Sherwood—*Norton*, 284 p., \$3. The author, who has spent a lifetime learning about wood, working with wood, and telling others about wood, here tells us, with a charming interweaving of solid fact with lively personal anecdote, a great deal about wood as it is used in furniture. His experience and learning range from the strong dependable

woods of home, like oak, gum, and black walnut, to such lovely exotics as satinwood, zebra-wood, and amboyna. There are pictures of striking trees and of beautiful furniture.

Science News Letter, October 17, 1936

Hygiene

DIGESTION AND HEALTH—Walter B. Cannon—*Norton*, 160 p., \$2. The distinguished professor of physiology at Harvard Medical School has summarized for the layman in a few easily read chapters the wealth of scientific knowledge about digestion. The volume is a modified version of the Beaumont Lectures, given at the centennial celebration of the publication of Beaumont's famous book on digestion.

Science News Letter, October 17, 1936

Natural History

MOUNTAIN NEIGHBORS—Edith M. Patch and Carroll Lane Fenton—*Macmillan*, 156 p., \$1.50. The author-artist team that have produced this book have already demonstrated their abilities in the field of natural history, both independently and in collaboration. Dr. Fenton's present contribution consists in the drawings only, but his recognized status as a competent field scientist supplies solid backing for his artistic efforts. If you give a Patch-Fenton book to one of the youngsters (or keep it for yourself) you can't go wrong.

Science News Letter, October 17, 1936

Paleobotany

STARUNIA: No. 10. Pleistocene Flora von Sciejowice bei Krakau—Józef Madalski—*Polish Academy of Sciences*, 12 p.

Science News Letter, October 17, 1936

Psychology

FUNDAMENTALS OF PSYCHOLOGY IN SECONDARY EDUCATION—S. C. and K. C. Garrison—*Prentice-Hall*, 599 p., \$2.80. A new textbook by the dean of George Peabody College's Graduate School of Education and the professor of psychology of the North Carolina State College of the University of North Carolina.

Science News Letter, October 17, 1936

Physics

THE RENAISSANCE OF PHYSICS—Karl K. Darrow—*Macmillan*, 306 p., plates, \$3. Dr. Karl Darrow is America's best expositor of the significance of the science of physics. His particular forte is to take important but highly technical papers and make clear their meaning and relation to other work in the same field of physics. Characteristic is his disregard of stooping methods to reach the lower level of readers, so that his books stand midway between the original research reports and the so-called "popular" books. In the present book, Dr. Darrow collects and amplifies his lectures at the Lowell Institute of Boston which bring physical discovery up to date. The title comes from the analogy between present-day physical research accomplishments and the mediaeval renaissance in literature and the arts. The science of physics, points out Dr. Darrow, is the uncredited mother of many of the applied sciences, for physicists turn into all manner of engineers. Hence, the well known difficulty of explaining to a layman just what kind of animal a physicist is.

Science News Letter, October 17, 1936

Seismology

EARTHQUAKE INVESTIGATIONS IN CALIFORNIA, 1934-1935—U. S. Coast and Geodetic Survey—*Govt. Print. Off.*, 231 p., 35c. The collaborating contributors of this bulletin list up a roster of the most brilliant names in geophysics in the United States, with a couple of notable additions from Japan. The publication, therefore, will be of much interest to seismologists everywhere, as well as to public planners and administrators, engineers, architects, etc., on the Pacific Coast.

Science News Letter, October 17, 1936

General Science

THE SCIENCE OF EVERYDAY LIFE—Edgar F. Van Buskirk, Edith L. Smith and Walter L. Nourse—*Houghton Mifflin*, 634, xviii p., \$1.60. A well illustrated and effective general science text for high-school use, and an everyday science vocabulary is a novel feature.

Science News Letter, October 17, 1936

Science News Letter will secure for its subscribers any book or magazine in print which was published in the United States. Send check or money order to cover regular retail price (\$5 if price is unknown, change to be remitted) and we will pay postage in the U. S. When publications are free, send 10c. for handling. Address Book Dept., Science News Letter, 2101 Constitution Avenue, Washington, D. C.
