

● First Glances at New Books

Ornithology

SONGS OF WILD BIRDS—Albert R. Brand—*Nelson*, 91 p., 2 phonograph records, \$2. The author has done a most unique thing in the history of bird study: captured songs of a considerable number of our most interesting birds and put them on two small disk records that can be played on any phonograph; and now builds his book around them, telling first of his technique, trials and success in recording, then how and why of bird song, and finally how to use his book. Included also are brief but comprehensive descriptions of the birds studied and discussion of their songs and call-notes.

Science News Letter, April 14, 1934

Paleontology

ANCIENT ANIMALS—W. W. Robinson—*Macmillan*, xii+96 p., \$2. An account of ancient animal life, from trilobites to woolly mammoths, in the same informal, colloquial style that characterized the author's earlier book, *Beasts of the Tar-Pits*, with correspondingly informal yet on the whole carefully executed restoration sketches in charcoal, by Irene B. Robinson.

Science News Letter, April 14, 1934

Aeronautics

THE BOOK ABOUT AIRCRAFT—*Fredrick Warne*, 96 p., 19 color plates, 124 text ill., \$2. A very attractive story of the airplane and airship for boys and girls. Photographs are largely of European rather than American craft.

Science News Letter, April 14, 1934

Mathematics

DIFFERENTIAL AND INTEGRAL CALCULUS—Clyde E. Love—*Macmillan*, 383 p., \$2.75. A new edition without sweeping changes because teachers who have used the text have evinced no desire for them, the author, professor of mathematics in the University of Michigan, states in his preface. The aim of the presentation is "to reward the student who strives for real understanding as distinguished from the one who works by rote."

Science News Letter, April 14, 1934

Radio

ELEMENTS OF RADIO COMMUNICATION—John H. Morecroft—*Wiley*, 286 p., \$3. This is the second edition of a text by the Columbia University professor of electrical engineering, which serves as an introduction to the author's more elaborate "Principles of Radio

Communication." It should interest and benefit thousands of students and radio "hams" in and out of school who want more than a "popular" book and are equipped with the little algebra necessary to the understanding of this text.

Science News Letter, April 14, 1934

Medicine

CONSTITUTION AND HEALTH—Raymond Pearl—*Kegan Paul, Trench, Trubner, London*, 89 p., 2s. 6d. "The student of constitution has a major role to play in the development of an adequate understanding of human nature," writes Dr. Pearl at the conclusion of this small volume. The complicated nature of the subject and present knowledge of the relations between heredity, constitution, disease and health are briefly and simply discussed in the text, which is illustrated with photographs and charts. There is an extensive bibliography for so small a book.

Science News Letter, April 14, 1934

National Parks

CARLSBAD CAVERNS NATIONAL PARK—Isabelle F. Story—*Govt. Print. Off.* Brief, well written, attractively illustrated booklet on one of the newer national parks of the Southwest. Requests for copies should be sent directly to the National Park Service, Washington, D. C.

Science News Letter, April 14, 1934

Physics

THE THERMODYNAMICS OF ELECTRICAL PHENOMENA IN METALS—P. W. Bridgman—200 p., \$3.75. This book brings together the substance of a number of papers written during the past ten years by the well-known electrical engineer and physicist of Harvard. It makes application of classical thermodynamics to electrical phenomena amenable to thermodynamic treatment.

Science News Letter, April 14, 1934

Seismology

UNITED STATES EARTHQUAKES 1932—Frank Neumann—*Govt. Print. Off.*, 21 p., 5c. A summary prepared by a mathematician at the U. S. Coast and Geodetic Survey.

Science News Letter, April 14, 1934

Horticulture

GARDENER'S HANDBOOK—L. H. Bailey—*Macmillan*, 292 p., \$3. A complete revision and extension of Dr. Bailey's earlier book, *The Gardener*, compacting into one handy volume the cream of his life-long encyclopedic labors on horticulture for the benefit of the amateur and home-maker. Vegetables, fruits and flowers are all briefly but adequately treated, and the text is pointed up with large numbers of clean-cut line illustrations.

Science News Letter, April 14, 1934

Sociology

BLINDNESS AND THE BLIND IN THE UNITED STATES—Harry Best—*Macmillan*, 714 p., \$6.50. The enormous amount of factual information contained in this book should make it very useful to those engaged in work for the blind, while the blind themselves may be greatly helped if its sympathetic interpretation of their needs and personality reach those of the public who have no special interest in or familiarity with the blind and their problems.

Science News Letter, April 14, 1934

Medical History

THE RENAISSANCE OF MEDICINE IN ITALY—Arturo Castiglioni—*Johns Hopkins*, 88 p., \$1.50. The Hideyo Noguchi Lectures appear here in book form. The story of the author's own life told in the preface by Dr. Henry E. Sigerist is almost more interesting than Dr. Castiglioni's charming presentation of his subject.

Science News Letter, April 14, 1934

Engineering

TEXTILES AND THE MICROSCOPE—Edward Robinson Schwarz—*McGraw-Hill*, 329 p., \$4. Fundamentals and important developments in the technique of textile microscopy are outlined for the teacher and technologist by the assistant professor of textile technology at Massachusetts Institute of Technology.

Science News Letter, April 14, 1934

Biology

LE DEVENIR DU SEXE—Vera Dantchakoff—*Hermann & Cie, Paris*, 57 p., 15 fr.

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