

•First Glances at New Books

MEDICINE

IMMUNIZATION TO TYPHOID FEVER — Research Laboratories of the Army Medical School, Washington, D. C. — *Johns Hopkins Press*, 276 p., \$2.50. A detailed summary, in technical terms for public health and other scientists, of our Army, Navy and Civilian Conservation Corps' experience in the prevention of typhoid fever. Emphasis is given to the influence of the *E. typhosa's* antigenic structure and other biological characters on the production of protective antibodies in the blood of immunized persons. Merits of a single small dose of vaccine for reimmunization as compared with three doses are discussed.

Science News Letter, January 31, 1942

ZOOLOGY

MAMMALIAN STRUCTURE: Atlas and Laboratory Manual of Cat Anatomy—Charles J. Wideman — *Loyola Univ. Press*, 60 p., \$1.20. Laboratory directions for the principal dissection in a general zoology course, with clear, diagrammatic line illustrations.

Science News Letter, January 31, 1942

ZOOLOGY

RECORDS OF LARGE FRESH-WATER MUSSELS—Fritz Haas—*Field Museum of Natural History*, 10 p., 15c. Authenticated "whoppers" among what most of us would call clamshells.

Science News Letter, January 31, 1942

GEOLOGY—TECHNOLOGY

HANDBOOK OF MICA—Ramani Ranjan Chowdhury—*Chemical Pub. Co.*, 340 p., \$6. A comprehensive reference book on the mining, processing and uses of this interesting mineral, more important than ever with the spread of the war, which cannot be waged without mica. The author is a specialist on the subject, in India, the land whose importance as the chief world source of mica makes it an even greater prize for this mineral than all of its fabled gold and gems.

Science News Letter, January 31, 1942

NATURAL HISTORY

NATURAL HISTORY AND THE AMERICAN MIND—William Martin Smallwood and Mabel Sarah Coon Smallwood—*Columbia Univ. Press*, 445 p., illus., \$4.25. An historical treatise, examining the part played by naturalists in the early days of this country, especially the effects of their findings, and philosophizing on contemporary and later thought. While

the colonists and early travelers brought with them a basic point of view and many preconceptions, it was inevitable that contacts with the many strange animals, plants and minerals they found in the New World would work sharp and invigorating changes. These are well traced by the authors. A valuable feature of this book is the 69-page bibliography.

Science News Letter, January 31, 1942

NAVAL SCIENCE

FIGHTING SHIPS OF THE U. S. A. — Victor F. Blakeslee—*Random House*, 76 p., illus., \$1. A popular account (but written by a Navy man, so that it should be accurate) of the ships of our fleet, their organization, duties and operations. There are many vivid illustrations, both in color and single-tone.

Science News Letter, January 31, 1942

AERONAUTICS

AIRFRAMES, Part 2—E. Molloy and E. W. Knott, eds.—*Chemical Pub. Co.*, 132 p., illus., \$2.50. This volume is devoted mainly to two types of British airframes, the "Luton" and the Westland "Lysander I." The former is a civil, the latter a reconnaissance plane. The operations of rigging and maintaining these planes are described in detail.

Science News Letter, January 31, 1942

HERPETOLOGY

FIELD BOOK OF SNAKES OF THE UNITED STATES AND CANADA—Karl P. Schmidt and D. Dwight Davis—*Putnam*, 365 p., illus., \$3.50. An exceedingly valuable addition to the well-known Putnam field book series. In addition to workable analytical keys and good descriptions in plain English, there are very clear line illustrations of characters critical in determination of species. This book automatically becomes a "must" item for all zoology department libraries, as well as for all persons doing field work in zoology on their own.

Science News Letter, January 31, 1942

ARCHAEOLOGY

EXCAVATIONS IN THE FT. LIBERTE REGION, HAITI—Froelich G. Rainey—CULTURE OF THE FT. LIBERTE REGION, HAITI—Irving Rouse—*Yale Univ. Press*, 196 p., 35 pl., \$3.50. Describes archaeological study of 11 Indian sites in north Haiti where refuse heaps contain implements of flint, pottery and shell.

Science News Letter, January 31, 1942

NATIONAL DEFENSE

CIVIL DEFENSE, A Practical Manual Presenting with Working Drawings the Methods Required for Adequate Protection Against Aerial Attack (3d ed.)—C. W. Glover—*Chemical Pub. Co.*, 794 p., illus., \$16.50. First published in England in 1938, this very complete compilation of material on civil defense has been twice revised to meet British—and now American—war conditions.

Science News Letter, January 31, 1942

MEDICINE

BEHIND THE MASK OF MEDICINE—Miles Atkinson—*Scribner's*, 348 p., \$3. A doctor takes his patients aside and explains some of the problems of medicine in their own language. Such problems as euthanasia, excesses in surgery, socialized medicine and medical ethics are explained frankly. Readers will conclude this book with a sounder understanding of physician-patient cooperation.

Science News Letter, January 31, 1942

BIOGRAPHY

GREAT MEN AND WOMEN OF POLAND—Stephen P. Mizwa, ed.—*Macmillan*, 397 p., \$4. A hall of fame of Polish men and women over a period of a thousand years, with science represented by Mme. Curie, of radium fame, Copernicus, famous astronomer, and Zygmunt Wroblewski and Karol Olszewski, known as the Siamese twins of Polish science, who worked with low temperatures and oxygen liquefaction.

Science News Letter, January 31, 1942

ORNITHOLOGY

AMERICAN WATER BIRDS, Also Hawks, Owls and Game Birds — Maitland A. Edey—*Random House*, 72 p., illus., \$1. Since almost half the pages consist of Fuertes color plates from the New York State Museum, this book is an unusually good dollar's worth of ornithology.

Science News Letter, January 31, 1942

PALEONTOLOGY

THE UPPER ORDOVICIAN FAUNA OF FROBISHER BAY, BAFFIN LAND — Sharat Kumar Roy—*Field Museum of Natural History*, 212 p., illus., \$3.50. A monograph of an important paleozoic fauna from an inaccessible part of the world, which will be welcomed by paleontologists interested in the groups described, as well as by students of historical geology.

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