

First Glances at New Books

► **BY THEIR WORKS:** surely no more appropriate title could possibly have been chosen for a book on archaeology and cultural anthropology. It is a Buffalo Museum of Science book: written by H. Phelps Clawson, curator of anthropology, illustrated profusely with photographs of specimens in the Museum's rich collections, published by the *Buffalo Society of Natural Sciences*. It carries out in printed form the same scheme of presenting human cultures as phases in a grand continuity of development that is the basic scheme followed in the anthropological section of the Museum itself. (\$4).

Science News Letter, February 20, 1943

► **THE NUMEROUS OVAL**, swamp-filled depressions scattered over the Carolina coastal plain and known locally as "bays" have long been a baffling puzzle to geologists, who have been unable to agree on what causes produced them. One much-discussed hypothesis is that they were gouged out by fragments of an enormous meteorite that hit the earth probably in pleistocene time, like a vast charge of shrapnel. Prof. Douglas Johnson of Columbia University rejects this idea, and in **THE ORIGIN OF THE CAROLINA BAYS** (*Columbia Univ. Press*, \$4.50) argues in support of his own theory that the craters were formed by artesian springs, and subsequently modified into their present state by sedimentation and wind-and-wave action.

Science News Letter, February 20, 1943

► **DRAMATIC EPISODES** and a fast-moving style make **MIRACLES OF MILITARY MEDICINE**, by Albert Q. Maisel (*Duell, Sloan and Pearce*, \$2.75), an exciting book which will give the layman a happy picture of modern treatment of war wounds and disease.

Science News Letter, February 20, 1943

► **HOMEOWNERS** troubled by lack of repair men and supplies will welcome J. Harold Hawkin's **YOUR HOUSE** (*M. Barrows & Co., Inc.*, \$2.50). Well-illustrated and readable, it tells how to do the upkeep and repair jobs that continually pop up around the house.

Science News Letter, February 20, 1943

► **PRE-INDUCTION TRAINING** for the high school student is presented in **AUTOMOTIVE MECHANICS—I** by Clarence

G. Barger (*American Book Company*, \$1.12). Covering the first half of the War Department outline for this combat specialty, a second volume will soon be published to complete the course.

Science News Letter, February 20, 1943

► **WHAT CAN I DO?** The answer to this inquiry by the young people of today's America is set forth in **YOUTH**

GOES TO WAR, by Lyle M. Spencer and Robert K. Burns (*Science Research Associates*, \$1.28). A list of civilian services, and war jobs should be especially helpful for high school students and for their instructors. A bibliography for additional reading is included in the first school book of its type.

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• Just Off the Press •

AIR CONDITIONING ANALYSIS: With Psychrometric Charts & Tables—William Goodman—*Macmillan*, 455 p., illus., \$6.

ATLAS OF HUMAN ANATOMY: With Explanatory Text—Franz Frohse, Max Broedel and Leon Schlossberg—*Barnes & Noble*, 86 p., illus., \$1.50 paper, \$2.25 cloth. New edition.

AUTOMOTIVE MECHANICS—1: Training for Victory—Clarence G. Barger—*American Book Co.*, 166 p., illus., \$1.12.

BY THEIR WORKS: Illustrated from the Collections in the Buffalo Museum of Science—H. Phelps Clawson—*Buffalo Society of Natural Sciences*, 236 p., illus., \$4.

CONTRIBUTIONS TO A SPECIAL LIBRARY GLOSSARY—Linda H. Morley and others—Special Libraries Association, 17 p., 35c. "Definitions with amplifications and examples of special library terms in common use prepared by a group of special librarians for A.L.A. Committee on Library Terminology."

THE CYCLOPHORID OPERCULATE LAND MOLLUSKS OF AMERICA—Carlos De La Torre, Paul Bartsch and Joseph P. E. Morrison—Gov't Print. Off., 306 p., 42 plates, 65c. (Smithsonian Institution United States National Museum Bulletin 181.)

ENGINEERING MECHANICS—Glen N. Cox—Van Nostrand, 301 p., illus., \$3. Textbook.

ESSENTIALS OF ALGEBRA: Complete Second Year Course—Walter W. Hart—*Heath*, 472 p., illus., \$1.68. Textbook.

FUNDAMENTALS OF ELECTRICITY—Lester R. Williard—Ginn, 351 p., illus., \$1.24. (Prepared at the request of the War Department and the United States Office of Education in conformance with official pre-induction training course outline No. PIT 101.)

FUNDAMENTALS OF ELECTRICITY: Training for Victory—Based on Material Developed for the Teaching of Learners and Apprentices of the Carnegie-Illinois Steel Corporation—*American Book Co.*, 194 p., illus., \$1.16. (Rewritten to Conform to the Pre-induction Training Course in Fundamentals of Electricity as Prepared by the War Department.)

FUNDAMENTALS OF MACHINES—Burton L. Cushing—Ginn, 436 p., illus., \$1.24. Pre-induction training book following U. S. Army outline for "Fundamentals of Machines—a Basic Course."

LEARNING TO NAVIGATE—P. V. H. Weems and William C. Eberle—Pitman, 135 p., illus., \$2. 2d edition. Handbook.

THE MUSCULATURE OF THE LABRUM, LABIUM, AND PHARYNGEAL REGION OF ADULT AND IMMATURE COLEOPTERA—Carl Kester Dorsey—Smithsonian Institution, 42 p., 24 plates, 30c. (Smithsonian Institution Miscellaneous Collections. Volume 103, Number 7.)

NOXIOUS GASES: And the Principles of Respiration Influencing Their Action—Yandell Henderson and Howard W. Haggard—*Reinhold*, 294 p., illus., \$3.50. 2d and revised edition.

PLASTIC CATALOG 1943—Plastic Catalogue Corp., 864 p., illus., \$5.

POLYNESIANS, EXPLORERS OF THE PACIFIC—J. E. Weckler, Jr., Smithsonian Institution, 77 p., illus. Free upon direct application to the Smithsonian Institution. (Smithsonian Institution War Background Studies Number 6.)

PORTRAITS OF OUR PRESIDENTS: The Pach Collection—Alfred Pach—*Hastings House*, 68 p., illus., \$1.50. These portraits, presented for the first time in book form, are the ones that are considered the best likenesses.

RADIO—1: Training for Victory—R. E. Williams and Charles A. Scarlott—*American Book Co.*, 132 p., illus., \$1.04. (Written to Conform to the Pre-induction Training Course in Fundamentals of Radio as Prepared by the War Department.)

REPORT OF THE SECRETARY OF THE SMITHSONIAN INSTITUTION AND FINANCIAL REPORT OF THE EXECUTIVE COMMITTEE OF THE BOARD OF REGENTS, 1942—Smithsonian, 112 p., illus., administrative pamphlet. Free. Correction.

SEMIMICRO QUALITATIVE ANALYSIS: A Brief Course—Arthur R. Middleton and John W. Willard—*Prentice-Hall*, 254 p., illus., \$3.75. Special edition for schools, \$2.75. Textbook.

THE TOTAL AND FREE ENERGIES OF FORMATION OF THE OXIDES OF THIRTY-TWO METALS—Maurice deKay Thompson—The Electrochemical Society, Inc., 89 p., \$1. Corrected price.

YOUTH GOES TO WAR—Lyle M. Spencer and Robert K. Burns—Science Research Associates, 223 p., illus., \$1.28. For young people in grades 7 through 12 and for teachers and school administrators.