

# •First Glances at New Books

## MILITARY SCIENCE

**WHAT THE CITIZEN SHOULD KNOW ABOUT OUR ARMS AND WEAPONS**—James E. Hicks—*Norton*, 252 p., illus., \$2.50. Simple but adequate and accurate presentation of facts about all the weapons used by our land forces, from rifles and hand grenades to field guns, tanks and airplanes. In addition to description of modern weapons, there is also a rapid summing up of the historical background of each type, with good line illustrations of both old and new.

*Science News Letter, January 3, 1942*

## SCIENCE

**RESEARCH—A NATIONAL RESOURCE. III, Business Research**—Report of an Advisory Committee of the Social Science Research Council to the National Resources Planning Board—*Govt. Print. Off.*, 70 p., 20 c. See page 15.

*Science News Letter, January 3, 1942*

## PSYCHOLOGY

**MEASUREMENTS OF HUMAN BEHAVIOR**—Edward B. Greene—*Odyssey Press*, 777 p., illus., \$3.50. A textbook on mental tests and their uses, including not only intelligence tests, but measures of mechanical performance, aptitudes, artistic abilities, interests, attitudes, personality and conduct. Discussion of the problems involved and statistical methods of evaluation is included.

*Science News Letter, January 3, 1942*

## RADIO

**FIRST RADIO BOOK FOR BOYS**—Alfred Morgan—*Appleton-Century*, 192 p., illus., \$2. Simple radio sets that have been built by boys twelve years old are described in this book. Full instructions are given.

*Science News Letter, January 3, 1942*

## ETHNOLOGY

**BECOMING A KWOMA, Teaching and Learning in a New Guinea Tribe**—John W. M. Whiting—*Yale Univ. Press*, 226 p., \$2.75. An anthropological study which sheds light on educational and psychological processes, thereby providing information of interest to educators in our own civilization. The study also is enlightening on the subject of group habits and their transmission.

*Science News Letter, January 3, 1942*

## ARCHAEOLOGY

**EXCAVATIONS IN THE FORESTDALE VALLEY, EAST-CENTRAL ARIZONA**—Emil W. Haury—*Univ. of Arizona*, 147 p., illus., 75c. An archaeological study of Mogol-

lon type of Indian ruins dated by tree rings to the late seventh century, and a discussion of the Southwestern Mogollon culture, which the archaeologist pronounces underpinning for later and higher cultural Indian groups.

*Science News Letter, January 3, 1942*

## POLITICAL SCIENCE

**THE NEW RUSSIAN EMPIRE, A Theory of the Soviet State Conceived in Terms of a Dynamic Interpretation of Law**—Andrew Efron—*Tuttle, Morehouse and Taylor*, 130 p., \$2. Attempting to write with scholarly impartiality, the writer discusses legal and political foundations on which Stalin's government depends. He closes with the thought that, now that the United States is becoming the policy-maker of the earth, it may be possible to export democratic wisdom to Russia.

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## ENTOMOLOGY

**THE COLEOPTERA OF WASHINGTON: Carabidae: Agonini**—Barbara Gray and Melville H. Hatch—*Sphaeritidae* and *Histeridae*—Rita Margaret McGrath and Melville H. Hatch—*Buprestidae*—Frank M. Beer and Melville H. Hatch—*University of Washington, Seattle*, 144 p., illus. \$1.50 (Univ. of Washington Publications in Biology, Vol. 10, Nos. 1, 2, 3). A regional fauna of an important insect group, in form suitable for student use.

*Science News Letter, January 3, 1942*

## TECHNOLOGY

**THE RUBBER INDUSTRY**—Josephine Perry—*Longmans, Green*, 96 p., illus., \$1.50. A brief account of the growth and development of the rubber industry, particularly for boys and girls.

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## NATURAL HISTORY

**SOUTHERN NATURE STORIES, Book Three**—W. B. Baker, Lucien Harris, Jr., and Wallace Rogers—*Turner E. Smith*, 261 p., 96c. A reader for use in elementary schools in the South, excellently designed for its adaptation both to its curricular level and to its regional setting.

*Science News Letter, January 3, 1942*

## GENERAL SCIENCE—BIOLOGY

**VITALISM: Its History and Validity**—L. Richmond Wheeler—*William Salloch*, 275 p., \$4.50. A scholarly survey of theory and arguments throughout the ages and in recent years, with special emphasis upon the revival of the concept of the organism.

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## HISTORY

**LANDS OF NEW WORLD NEIGHBORS**—Hans. Christian Adamson—*Whittlesey House*, 593 p., \$3.50. Here, between two covers, are the histories of all the countries in the Western Hemisphere, told with an appreciation of the adventures and dangers and dreams that have shaped New World destinies. The progress of development in the United States can readily be compared with that of its neighbors in this novel arrangement of all-American history.

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## ARCHAEOLOGY

**ARCHAEOLOGY OF NEW JERSEY, Vol. 1**—Dorothy Cross and others—*Archaeological Society of New Jersey*, 271 p., 73 pl., \$2.50 paper, \$3 cloth, \$5 de luxe. A description of work at 39 sites excavated from 1936 to 1940 as a WPA project sponsored by the State Museum and other state agencies. Also included are chapters on artifacts and industries of the region, and many graphs and diagrams, all of which provide a notable addition to the archaeological record of this state.

*Science News Letter, January 3, 1942*

## ENGINEERING

**FROM MAN TO MACHINE, A Pictorial History of Invention**—Agnes Rogers—*Little, Brown*, 160 p., illus., \$2.50. A successful hybridization between a glorified picture book and a meaty, serious history of the many things we use in daily living. Pictures and text will answer a lot of questions about the chief inventions upon which our present machine is based—facts and information which even if you knew them already, you won't mind seeing and reading again.

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## OCEANOGRAPHY

**THE WATERS OFF THE COAST OF SOUTHERN CALIFORNIA March to July, 1937**—H. U. Sverdrup and R. H. Fleming—*Univ. of Calif. Press*, 117 p., \$1.25.

*Science News Letter, January 3, 1942*

## ARCHAEOLOGY

**THE LIVING PAST**—Cyrus H. Gordon—*John Day*, 232 p., \$2.50. Dead mounds of earth in the Tigris-Euphrates Valley and the land round about were cities full of interesting people, thousands of years ago. Dr. Gordon tells what archaeologists are finding in those mounds and how the finds widen our concept of the human race.

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