

First Glances at New Books

➤ AS THRILLING as any saga of the sea is **DOCTORS AWEIGH** in which Rear Admiral Charles M. Oman, M.C., U.S.N., tells the story of the U. S. Navy Medical Corps in action (*Double-day Doran*, \$2.50). The book provides more than first-rate entertainment, however. It tells clearly and in full detail exactly how the Medical Department of the Navy protects the health and lives of our sailors and marines and, when occasion requires, members of our other fighting forces.

Science News Letter, August 7, 1943

➤ A SHIP in distress or an airplane downed at sea make immediate rescue possible by broadcasting distress signals giving their location. Those of us who have wondered how the exact location can be given so accurately miles from any landmark will enjoy John Favill's readable **PRIMER OF CELESTIAL NAVIGATION** (*Cornell Maritime Press*, \$2). Celestial navigation is the author's hobby, and he conveys his enthusiasm for the subject to the reader.

Science News Letter, August 7, 1943

➤ **CAN OPENERS** to range finders; machines are based on the same rudimentary principles described by Will M. Clark in **A MANUAL FOR MECHANICAL MOVEMENTS** (*Garden City Pub. Co.*, \$1.98). Leaning heavily on illustration rather than explanation, the book contains more than 400 drawings and 160 photographs. Mr. Clark's compilation should be of interest to those who work with machines.

Science News Letter, August 7, 1943

➤ **PETROLEUM** and the petroleum industry is covered in an exhaustive study by 126 geologists in **GEOLOGIC FORMATIONS AND ECONOMIC DEVELOPMENT OF THE OIL AND GAS FIELDS OF CALIFORNIA** (*California State Division of Mines*, \$4, paper; \$6, cloth). Prepared under the direction of Olaf P. Jenkins, this is an authentic up-to-date source book (in four parts) for those interested in this subject.

Science News Letter, August 7, 1943

➤ **ALASKA'S GEOGRAPHY**, people, natural resources and administration are discussed in **ALASKA: AMERICA'S CONTINENTAL FRONTIER OUTPOST**, another excellent addition to the War

Background Studies (*Smithsonian Institution*, Washington, D. C.). It was prepared by E. P. Walker of the Institution staff. It is beautifully illustrated with 40 insets of photographic reproductions and maps. (Free upon request to the Smithsonian)

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➤ **AERIAL PHOTOGRAPHY** students will be interested in a **MANUAL FOR INSTRUCTION IN MILITARY MAPS AND AERIAL PHOTOGRAPHS**, by N. F. Maclean and E. C. Olson (*Harper*, \$1.75). It is an addition to Harper's geoscience series.

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Just Off the Press

ADDENDUM TO THE CHEMISTRY OF THE AMINO ACIDS AND PROTEINS INCLUSIVE OF SOME OF THE ADVANCES SINCE 1937—Carl L. A. Schmidt, ed.—*Thomas*, 255 p., illus., \$5.

ANGEL OF THE NAVY: The Story of a Wave—Joan Angel—*Hastings House*, 200 p., illus., \$2.

EDUCATION IN WARTIME AND AFTER—Stanford Univ. School of Education Faculty—*Appleton-Century*, 465 p., \$3. Nowhere has the impact of war had a greater effect than in the schoolroom—also converted to war production. The last chapter takes a forward look to "tomorrow when peace will reign again."

EXPERIMENTS IN ELECTRONICS AND COMMUNICATION ENGINEERING: Covering Basic Circuit Theory, Electronics, Communication Networks, Radio and Ultra-High-Frequency Techniques—E. H. Schulz and L. T. Anderson—*Harper*, 381 p., illus., \$3. A guide for laboratory work in signal training schools and useful for other institutions with similar programs.

THE EXPRESSION OF PERSONALITY: Experimental Depth Psychology—Werner Wolff—*Harper*, 334 p., illus., \$3. An experimental approach to a study of unconscious forces.

FUNDAMENTAL PHYSICS—Lloyd William Taylor—*Houghton Mifflin Co.*, 662 p., plus XI p., illus., \$4. A textbook replacing the earlier work, *Physics: The Pioneer Science*. Designed to fit the needs of teachers who must train physicists for war but also for a more exacting time to follow.

HANDBOOK OF PLASTICS—Herbert R. Simonds and Carlton Ellis—*Van Nostrand*, 1082 p., illus., \$10.

A HANDBOOK OF PSYCHIATRY—P. M. Lichtenstein and S. M. Small—*Norton*, 330 p., \$3. Intended not only for students of psychiatry but also for others, such as social workers and nurses, who must care for the mentally ill.

HOSPITAL DISCHARGE STUDY: An Analysis of 576,623 Patients Discharged from Hospitals in New York City in 1933—Neva R. Deardorff and Marta Fraenkel—*Welfare Council of N. Y. City*, 349 p., illus., Vol. 2, \$2. Title of Vol. 2: *Hospitalized Illness in New York City*.

HOW THE ARMY FIGHTS: A Clear Expression of Modern High-Power Warfare—Lowell M. Limpus—*Appleton-Century*, 388 p., illus., \$3.

HOW TO RAISE RABBITS FOR FOOD AND FUR—Frank G. Ashbrook—*Orange Judd Pub. Co.*, 256 p., illus., \$2.

MAN AND HIS PHYSICAL UNIVERSE—Frank C. Jean, Ezra C. Harrah, Fred L. Herman and Samuel R. Powers—*Ginn and Co.*, 608 p., illus., \$3.25.

THE NEW WORLD GUIDES TO THE LATIN AMERICAN REPUBLICS—Earl Parker Hanson, ed.—*Duell, Sloan and Pearce*, 860 p., illus., \$2.50, Vol. 2.

SO YOU WANT TO BE A CHEMIST?—Herbert Coith—*McGraw Hill*, 128 p., \$1.50. An elementary, simply written book on how a chemist works and what he does. Information for the aspiring student.

A SURVEY OF ALCOHOL EDUCATION IN ELEMENTARY AND HIGH SCHOOLS IN THE UNITED STATES—Anne Roe—*Quarterly Journal of Studies on Alcohol*, 132 p., tables, \$1. Teaching practices and materials recommended by the Director of the Education Survey, Research Studies on Problems of Alcohol.

THE WAR IN MAPS: An Atlas of The New York Times Maps—Francis Brown—*Oxford*, 167 p., illus., \$2. 2d ed., rev. Maps by Emil Herlin and Vaughn Gray.

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