

•First Glances at New Books

ETHNOLOGY—HISTORY

WAR BACKGROUND STUDIES: No. 1, Origin of the Far Eastern Civilization—Carl Whiting Bishop, 53 p., illus.; No. 2, The Evolution of Nations—John R. Swanton, 23 p. *Free upon direct application to Smithsonian Institution, Washington, D. C.* (See SNL, July 11, p. 22.)

Science News Letter, August 1, 1942

GENERAL SCIENCE

PHYSICAL SCIENCE—William F. Ehret, Leslie E. Spock, Jr., Walter A. Schneider, Carel W. van der Merwe and Howard E. Wahlert—*Macmillan*, 639 p., illus., \$3.90. The main purpose of this book is to provide the knowledge of physics, chemistry, astronomy and geology which the cultured man must have to understand the world about him, the scientific method, and the use of mathematics. It is not a popular exposition, but a textbook for college use.

Science News Letter, August 1, 1942

MEDICINE

BABIES ARE FUN — Jean Littlejohn Aaberg—*Wm. Penn. Pub. Corp.*, 128 p., illus., \$1. Amusingly written, complete and practical guide for the young mother. Would make a welcome gift for a baby shower.

Science News Letter, August 1, 1942

MATHEMATICS

TRIGONOMETRY, PLANE AND SPHERICAL—Miles C. Hartley—*Odyssey Press*, 298 p., 24 p. of answers, \$1.60. Correction of number of pages.

Science News Letter, August 1, 1942

SEISMOLOGY

SEISMOLOGY—Perry Byerly—*Prentice-Hall*, 256 p., illus., Trade, \$4.65; School, \$3.50. A text and reference book on earthquake science. The first part is largely descriptive and requires no mathematical knowledge; the second calls for a little more digging.

Science News Letter, August 1, 1942

CRIMINOLOGY

PRACTICAL FINGERPRINTING — B. C. Bridges—*Funk and Wagnalls*, 374 p., \$4. Intended as a textbook for police training schools or for others wishing to learn identification methods. The work carries a foreword by August Vollmer.

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PHYSICS

X-RAY CRYSTALLOGRAPHY; An Introduction to the Investigation of Crystals by Their Diffraction of Monochromatic

X-Radiation—M. J. Buerger—*Wiley*, 531 p., \$6.50. By confining itself to the single crystal and monochromatic X-rays, this subject is covered much more thoroughly than in treatises which attempt to cover a wider field. Important steps in the mathematical treatment are not omitted, many gaps that occur in other works are filled and the explanations are more complete.

Science News Letter, August 1, 1942

CHEMISTRY

PHYSICAL CHEMISTRY FOR STUDENTS OF BIOCHEMISTRY AND MEDICINE—Edward Staunton West—*Macmillan*, 368 p., \$5.75. Those parts of physical chemistry that are basic to an understanding of biochemistry have been selected for thorough treatment in this work. Emphasis is also laid on the necessary mathematics.

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● Just Off the Press ●

DECIDUOUS ORCHARDS—William Henry Chandler—*Lea and Febiger*, 438 p., illus., \$4.50.

ELEMENTARY METEOROLOGY FOR AVIATORS, Part one—*Longmans, Green*, 48 p., 40c.

ELEMENTARY PHYSICAL CHEMISTRY — Merle Randall and Leona Esther Young — *Randall and Sons, Berkeley, Calif.*, 455 p., photolith, \$4.50.

ELEMENTS OF GEOGRAPHY, Physical and Cultural (2d ed.)—Vernor C. Finch and Glenn T. Trewartha—*McGraw-Hill*, 823 p., illus., \$4.

THE GIST OF MATHEMATICS—Justin H. Moore and Julio A. Mira—*Prentice-Hall*, 726 p., Trade ed., \$5.35; School, \$4.

JOHN TORREY, A Story of North American Botany — Andrew Denny Rodgers III — *Princeton Univ.*, 352 p., \$3.75.

KEY TO THE REPTILES AND AMPHIBIANS OF ILLINOIS—Fred R. Cagle—*Museum of Natural and Social Sciences, Carbondale, Ill.*, 35 p., illus., 25c.

MOLECULAR FILMS, THE CYCLOTRON AND THE NEW BIOLOGY—Hugh Stott Taylor, Ernest O. Lawrence and Irving Langmuir—*Rutgers Univ. Press*, 95 p., 24 figures, \$1.25.

NAVIGATION AND METEOROLOGY — D. Hay Surgeoner—*Longmans, Green*, 108 p., \$1.25.

NEGROES IN BRAZIL; A Study of Race Contact at Bahia—Donald Pierson—*Univ. of Chicago*, 392 p., illus., \$4.50.

THE NEW PROJECTION CONTROL — William Mortensen — *Camera Craft*, 123 p., illus., \$2.75.

PHYSICAL ELEMENTS OF GEOGRAPHY—Vernor C. Finch and Glenn T. Trewartha—*McGraw-Hill*, 641 p., illus., \$3.50.

PSYCHOTHERAPY IN MEDICAL PRACTICE — Maurice Levine—*Macmillan*, 320 p., \$3.50.

WARTIME MEALS, How to Plan Them, How to Buy Them, How to Cook Them—Margot Murphy—*Greenberg*, 258 p., \$2.

PHYSICS—BIOLOGY

MOLECULAR FILMS, THE CYCLOTRON AND THE NEW BIOLOGY—Hugh Stott Taylor, Ernest O. Lawrence and Irving Langmuir—*Rutgers Univ. Press*, 95 p., 24 figures, \$1.25. The interdependence of chemistry, physics and biology, especially in the treatment of disease, is the theme which brings these three addresses of three outstanding scientists, two of them Nobel Prize winners, together in one volume. New results in the treatment of stubborn cancer with neutron rays are described by Dr. Lawrence.

Science News Letter, August 1, 1942

HORTICULTURE

DECIDUOUS ORCHARDS—William Henry Chandler—*Lea and Febiger*, 438 p., illus., \$4.50. Ecological approach to the problems of fruit tree handling greatly increases the value of this book to the practical orchardist. Practically all common non-citrus fruits are discussed, as well as the more important nut trees.

Science News Letter, August 1, 1942

AERONAUTICS

AIRCRAFT SPOTTERS' GUIDE, Part I—Harold E. Hartney, ed.—*National Aeronautics Council*, 96 p., illus., 25c. With every unexplained airplane in the sky a potential threat to the safety of all citizens, civilians as well as military personnel have a vital interest in knowing friendly plane from enemy and military plane from civilian. Here is another guide to help you learn to recognize them.

Science News Letter, August 1, 1942

GEOGRAPHY

ELEMENTS OF GEOGRAPHY, Physical and Cultural (2d ed.)—Vernor C. Finch and Glenn T. Trewartha—*McGraw-Hill*, 823 p., illus., \$4. In the second edition of this successful text, increased attention is given to the cultural elements of geography.

Science News Letter, August 1, 1942

PSYCHOLOGY

PRINCIPLES OF APPLIED PSYCHOLOGY—A. T. Poffenberger—*Appleton-Century*, 655 p., \$4. Although this book by a well-known authority in the field is intended as a college textbook, it will interest the layman, particularly employers and others having responsibility for other individuals. Much of the information can be put immediately to work by the reader to render him more efficient in his work and happy in his leisure.

Science News Letter, August 1, 1942