

•First Glances at New Books

GEOLOGY

BIOGRAPHY OF THE EARTH, Its Past, Present, and Future—George Gamow—*Viking*, 242 p., illus., \$3. A popular work on historical geology, beginning with the various theories proposed to account for the origin of the planetary system, and going forward to conjectures on the future state of this particular planet. Illustrations are mainly in the form of diagrams which make the ideas set forth in the text more easily understood.

Science News Letter, October 4, 1941

ENTOMOLOGY

BUTTERFLIES—Ralph W. Macy and Harold H. Shepard—*Univ. of Minn. Press*, 247 p., illus., \$3.50. A book useful alike to the student and the serious amateur: the treatment is sufficiently scientific to satisfy the one and sufficiently popularized to please the other. There are four colored plates and a considerable number of half-tones, which though small are adequate for their purpose.

Science News Letter, October 4, 1941

GEOLOGY

THE ICE AGE PROBLEM—Walter Knoche—*Smithsonian Institution*, 5 p., 5c. (Miscellaneous Collections, Vol. 99, No. 22.) The author re-examines the paradoxical thesis that increasing warmth in a region might bring on an ice age, with examples from southern South America.

Science News Letter, October 4, 1941

ANATOMY

UPPER AND LOWER EXTREMITY MUSCLE AND INNERVATION CHARTS—Catherine Worthingham—*Stanford Univ. Press*, 35c. For kinesiology classes and for physical therapy technicians.

Science News Letter, October 4, 1941

POLITICAL SCIENCE—SOCIOLOGY

PROBLEMS OF AMERICAN DEMOCRACY, Audio-Visual and Teaching Aids—Margaret G. Cook, ed.—*Visual Aids Service, New Jersey State Teachers College*, 27 p., 50c.

Science News Letter, October 4, 1941

CHEMISTRY

INTRODUCTORY CHEMISTRY WITH HOUSEHOLD APPLICATIONS (rev. ed.)—Nellie M. Naylor and Amy Le Vesconte—*Appleton-Century*, 476 p., illus., \$3.25. The revised edition holds to the original thesis that chemistry is concerned with materials that are of daily importance to all of us. The text is especially adapted

to students of home economics, the illustrations being largely those that are familiar to a girl from her experiences at home.

Science News Letter, October 4, 1941

BOTANY

PLANTS COLLECTED BY R. C. CHING IN SOUTHERN MONGOLIA AND KANSU PROVINCE, CHINA—Egbert H. Walker—*Govt. Print. Off.*, 112 p., 30c. (Contributions from the United States National Herbarium, Vol. 28, Part 4). See *SNL* Aug. 16.

Science News Letter, October 4, 1941

ENGINEERING

ENGINEERING ENCYCLOPEDIA—Franklin D. Jones—*Industrial Press*, 1431 p., illus., 2 v., \$8. An encyclopedia and mechanical dictionary of the terms, methods, materials, and machinery used in engineering practice.

Science News Letter, October 4, 1941

MEDICINE

ESSENTIALS OF PHARMACOLOGY AND MATERIA MEDICA FOR NURSES—Albert J. Gilbert and Selma Moody—*Mosby*, 251 p., illus., \$3. A new text for nurses, designed for use in short courses for which more comprehensive texts may prove suitable only for reference.

Science News Letter, October 4, 1941

ANTHROPOLOGY

WESTERN AND SOUTHWESTERN INDIAN SKULLS—E. B. Renaud—*Univ. of Denver*, 94 p., 85c. Detailed data, including measurements, descriptions, and comments on a number of Indian skulls, particularly those of Plains, Basket Maker, and Pueblo origin.

Science News Letter, October 4, 1941

MEDICINE

MICROBES WHICH HELP OR DESTROY US—Paul W. Allen, D. Frank Holtman and Louise Allen McBee—*Mosby*, 540 p., illus., \$3.50. This book might best be described as a textbook on bacteriology for the laymen.

Science News Letter, October 4, 1941

GEOPHYSICS

TRANSACTIONS OF 1941, American Geophysical Union. Part I, Joint Regional Meeting, South Pacific Coast Area, Sacramento, California, January, 1941; Reports and Papers (A) Section of Hydrology (B) Western Interstate Snow-survey Conference—*National Research Council*, 217 p., \$1.50.

Science News Letter, October 4, 1941

MEDICINE—BOTANY

MILK SICKNESS CAUSED BY WHITE SNAKEROOT—Edwin Lincoln Moseley—*Ohio Academy of Science and Author*, 171 p., \$1. Dr. Moseley here sums up results of many years of careful gathering of evidence that milk-sickness is caused by one poisonous plant species, *Eupatorium urticaefolium*, widely, though fortunately not abundantly, distributed over the eastern United States and southeastern Canada. It makes cattle sick, and is transmitted to human beings through dairy products and meat.

Science News Letter, October 4, 1941

HYGIENE—EDUCATION

FUNCTIONAL HEALTH TEACHING SYLLABUS; An Experiment directed by the North Central Association in Nine Co-operating Schools—Lynda M. Weber, Organizer and Director—*Ginn*, 165 p., \$1.75.

Science News Letter, October 4, 1941

MEDICINE

HANDBOOK OF COMMUNICABLE DISEASES—Franklin H. Top and Collaborators—*Mosby*, 682 p., 73 illus., 10 color plates \$7.50. A practical "handy reference" for physicians, nurses and others whose professional duties bring them in contact with communicable diseases.

Science News Letter, October 4, 1941

STATISTICS

THE SECOND YEARBOOK OF RESEARCH AND STATISTICAL METHODOLOGY, Books and Reviews—Oscar Krisen Buros, ed.—*Gryphon Press*, 383 p., \$5. Compilations of critical reviews from the principal journals of the English-speaking world evaluating 359 books published in the last two years in the broad field of statistics and scientific methods. To browse through it is like sampling inviting books on a library shelf.

Science News Letter, October 4, 1941

AGRICULTURE

COMMERCIAL FERTILIZERS, Their Sources and Use (3d ed.)—Gilbert H. Collings—*Blakiston*, 480 p., illus., \$4.50.

Science News Letter, October 4, 1941

ORNITHOLOGY

WE FOLLOW THE WESTERN TRAIL—Ruth Wheeler—*Macmillan*, 160 p., illus., \$2. Quiet adventures in the Western out-of-doors, always with an eye (and a ready camera lens) out for interesting birds.

Science News Letter, October 4, 1941