

● First Glances at New Books

Geophysics

OCEAN WAVES AND KINDRED GEOPHYSICAL PHENOMENA—V a u g h a n Cornish—*Macmillan*, 164 p., \$3.75. Waves are an esthetic joy to the observer with an artistic sense, a mathematical challenge to the physicist. These two apparently irreconcilable aspects of waves are synthesized with real skill in the production of this unique book, which includes such phenomena as waves in moving sand dunes and traveling snowcrests as well as waves in water. The numerous beautifully executed photographic illustrations by the author show him a master cameraman as well as a good scientific observer who knows how to tell what he sees.

Science News Letter, June 16, 1934

Ornithology

THE BIRD KINGDOM—*The Orthovis Co.*, \$2. A companion volume to "The Animal Kingdom" (*See SNL, Feb. 3, 1934*). A number of two-color offset illustrations, based on photographs of the excellent bird groups in the Field Museum of Natural History, are to be viewed through a special binocular screen which produces a three-dimensional effect.

Science News Letter, June 16, 1934

Chemistry

MÉCANIQUE QUANTIQUE ET CHIMIE—G. Allard—*Hermann et Cie, Paris*, 31 p., 8 fr.

Science News Letter, June 16, 1934

Ethnology

THE SWASTIKA: A STUDY OF THE NAZI CLAIMS OF ITS ARYAN ORIGIN—W. Norman Brown—*Emerson Books, Inc.*, 30 p., 25c. A pamphlet of counter-propaganda aimed against the Nazi movement.

Science News Letter, June 16, 1934

Ornithology

FIFTY YEARS OF BIRD MIGRATION IN THE ANN ARBOR REGION OF MICHIGAN, 1880-1930—Norman A. Wood and A. D. Tinker—*Univ. of Michigan Press*, 56 p., 40c. The greater part of this pamphlet consists of phenological records from 1906 to 1930, tabulated.

Science News Letter, June 16, 1934

Biochemistry

ANNUAL REVIEW OF BIOCHEMISTRY, VOL. III—James Murray Luck, Editor—*Stanford University Press*, 558 p., \$5. Biologists and chemists alike have reason to be grateful to Prof. Luck and his associates, who now for the third time have performed the heroic task of

arranging, unifying and compressing into one not-too-thick volume the gist of thousands of separate publications in one of the most rapidly developing of scientific fields. It has been found necessary to omit treatment of some subjects, with a promise to include them in a later volume; such omissions are balanced by the introduction of hitherto untreated topics, e.g., a section on Energy Factors, in the chapter on Nutrition.

Science News Letter, June 16, 1934

General Science

TOURS THROUGH THE WORLD OF SCIENCE—William T. Skilling—*McGraw-Hill*, 758 p., \$1.70. A high school course in general science is presented on the analogy of a number of automobile trips, each chapter a "tour." The fiction is maintained by typographical and page-decoration devices, quizzes take the form of "telling about the trip." etc.

Science News Letter, June 16, 1934

Economics

ECONOMIC HISTORY OF THE SOUTH—Emory Q. Hawk—*Prentice-Hall*, 557 p., \$5. There is a tragic parallelism between the history of the American South, pivoting about 1861, and that of the whole Western civilization, with its turning-point at 1914: the upbuilding of a high degree of civilization, beneficial, however, principally to an owning oligarchy; its challenge and overthrow by newer forces; afterwards, long prostration, and slow and never-quite-completed recovery. The present book tells the economic story of the South; the world, apparently groaning toward a renewal of the later war, might well pause to read.

Science News Letter, June 16, 1934

Geology

OUTLINES OF PHYSICAL GEOLOGY—Chester R. Longwell, Adolph Knopf and Richard F. Flint—*Wiley*, 356 p., \$3. This book covers the same ground as an earlier work, *Physical Geology*, by the same authors, but in briefer and somewhat more simplified form. New illustrations and block diagrams have been added.

Science News Letter, June 16, 1934

Ornithology

A SYSTEMATIC CLASSIFICATION FOR THE BIRDS OF THE WORLD, REVISED AND AMENDED—Alexander Wetmore—*Smithsonian*, 11 p., free. A thin pamphlet, but indispensable to scientific students of ornithology.

Science News Letter, June 16, 1934

Travel

ROAMING AMERICAN PLAYGROUNDS—John T. Faris—*Farrar and Rinehart*, 331 p., \$3. A breezily written book of suggestions for the travel-minded American who wants to do his wandering "at home." Ranging as it does from sea to mountaintop, from Maine to Hawaii to Alaska, it offers plenty of mileage opportunity.

Science News Letter, June 16, 1934

Agriculture

SYNOPSIS OF FEDERAL PLANT QUARANTINES AFFECTING INTERSTATE SHIPMENTS IN EFFECT JANUARY 1, 1934—*Govt. Print. Off.*, 135 p., 10c.

Science News Letter, June 16, 1934

Astronomy

ELEMENTS OF ASTRONOMY, THIRD EDITION—Edward Arthur Fath—*McGraw-Hill*, 360 p., 8 star charts, \$3. Prof. Fath's book appears to have earned for itself a place in that Valhalla of books, a teaching classic. It keeps the clarity and good order of the earlier editions, and of course adds accounts of the newer discoveries in astronomy to bring its contents up to date.

Science News Letter, June 16, 1934

Paleontology

REVISION OF ALEXANDER WINCHELL'S TYPES OF BRACHIOPODS FROM THE MIDDLE DEVONIAN TRAVERSE GROUP OF ROCKS OF MICHIGAN—G. M. Ehlers and Virginia Kline—*Univ. of Michigan Press*, 20 p., 4 pl., 35c.

Science News Letter, June 16, 1934

Biology

EQUILIBRE DE MEMBRANE—N. Marinisco—*Hermann et Cie. Paris*, 66 p., 15 fr.

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