

• First Glances at New Books

Anthropology

UP FROM THE APE—Earnest A. Hooton—*Macmillan*, 626 p., \$5. One of the best-known of American anthropologists gives here a demonstration of how a scientific book can be written to be effective upon two audiences at once. It is packed with authentic information and up to date, so that it will be useful to the professional scientist; it is vividly and vigorously written, spiced with keen humor and illustrated with fine half-tones and well-thoughtout diagrams, so that it will hold the attention of the layman. About half the book is given to a discussion of the comparative anatomy and physiology of the primates, from Lemur to Man; the rest is divided between fossil ancestors and contemporary races.

Science News Letter, July 11, 1931

Poetry—Nature

GREEN RIVER—James Whaler—*Harcourt, Brace*, 153 p., \$2. All students of the history of American natural science, and of American biography generally, will agree that the story of Rafinesque, the vivid, the adventurous, the stormy, the now almost legendary, should best be told in verse. Here this task is undertaken, with no small measure of success, by one who is a competent naturalist as well as a competent poet.

Science News Letter, July 11, 1931

Engineering

BRIDGE ENGINEERING—Frank O. Duffour and C. Paul Schantz—*American Technical Society*, 374 p., \$3. A handbook in which the authors have attempted to make the material appealing and of value to the technically trained expert, the beginner and the self-taught practical man.

Science News Letter, July 11, 1931

Psychology

THE ART OF STUDY—T. H. Pear—*Dutton*, 117 p., \$1.50. Very helpful to young students.

Science News Letter, July 11, 1931

Home Economics

MARGARINE AS A BUTTER SUBSTITUTE—Katharine Snodgrass—*Food Research Institute, Stanford University*, 333 p., \$3. This monograph is one of the Fats and Oils Studies of the Food Research Institute. It is a valuable book and should interest a wide range of readers, from the housewife to the dairyman, nutritionist or economist. The

present status of both butter and margarine industries, their past histories, methods of production, markets, and state and federal legislation are all described in non-technical language.

Science News Letter, July 11, 1931

Volcanology

VOLCANOES—G. W. Tyrrell—*Thornton Butterworth*, 252 p., 2s 6d. An excellently written and very useful addition to the Home University Library series. A most astonishing quantity of real volcanology, in a form assimilable by the layman, is packed within its modest covers.

Science News Letter, July 11, 1931

Electricity

THE BOOK OF ELECTRICAL WONDERS—Ellison Hawks—*Dial Press*, 316 p., \$3. An amazing amount of electrical information is presented in pleasant and readable style, amply illustrated and indexed. The author traces electrical developments from the lodestone of the ancients up to the newest television methods, and is never submerged in the technicalities of his subject.

Science News Letter, July 11, 1931

Physics

THE LAW OF GRAVITATION IN RELATIVITY—H. C. Levinson and E. C. Zeisler—*University of Chicago Press*, 127 p., \$3.50. This is a mathematical derivation of the laws of gravitation from the postulates of general relativity theory. The first section of the book outlines the methods of tensor analysis.

Science News Letter, July 11, 1931

Genetics

HEREDITY—A. Franklin Shull—*McGraw-Hill*, 345 p., \$3. Dr. Shull has taken full advantage of the advances that have been made in his science since the appearance of the first edition of this book five years ago.

Science News Letter, July 11, 1931

Biography

CADILLAC—Agnes C. Laut—*Bobbs Merrill*, 298 p., \$3.75. Probably, to the great bulk of the American population, the name Cadillac signifies only a fine motor car. In the Detroit neighborhood, people know a little more about the forceful, far-seeing Frenchman who founded their city and played a large part in the building of New France. This popular biography will do much to give the story of Cadillac the wider knowledge which his labors merited.

Science News Letter, July 11, 1931

Astronomy

ASTRONOMY—Forest Ray Moulton—*Macmillan*, 549 p., \$3.75. This new text will be welcomed by astronomers. The account of the planetesimal theory of the origin of the solar system, which he advanced in collaboration with Prof. T. C. Chamberlin, is of particular interest, as is the part concerning the fate of meteorites striking the earth, a subject he has recently studied.

Science News Letter, July 11, 1931

Science Popularization

RELATIVITY, AN INTERPRETATION OF EINSTEIN'S THEORY—M. Palmieri—*Forbush Printing Co.*, 87 p., \$2. The author attempts to explain the Einstein theory to the general reader.

Science News Letter, July 11, 1931

Paleobotany

PLANT LIFE THROUGH THE AGES—A. C. Seward—*Macmillan*, 601 p., \$10. One of the foremost English botanists, who has spent many years on the problems of plant life in the earlier ages of the world, here makes the ripe fruit of his scholarship available in a form that will appeal not only to the professional reader but also to the more serious layman. The illustrations are clear, diagrammatic and well-labelled. The botanical reader will welcome the 38-page bibliography, with its many titles.

Science News Letter, July 11, 1931

Education

EDUCATIONAL DIRECTORY, 1931—U. S. Office of Education—*Govt. Print. Off.*, 171 p., 35c. The directory lists names of more than 12,000 school officials, schools, and school organizations.

Science News Letter, July 11, 1931

Neurology

AN INTRODUCTION TO NEUROLOGY—C. Judson Herrick—*Saunders*, 417 p., \$2.75. This fifth edition of Prof. Herrick's book has been critically revised and many chapters entirely rewritten. It is a brief but remarkably clear presentation of a complex and difficult subject. It would still be too heavy for the average non-scientific reader, however. Designed for students in various fields—medicine, psychology, education, general zoology, comparative anatomy, physiology and sociology—the book concentrates on the principles of nervous function rather than on their application. A good feature is the combined index and glossary.

Science News Letter, July 11, 1931