

• First Glances at New Books

Anthropology

THE MAKING OF MAN: AN OUTLINE OF ANTHROPOLOGY—Edited by V. F. Calverton—*Modern Library*, 879 p., 95c. With such well-known names as Boas, Frazer, Westermarck, Rivers, Lowie and Sumner among his contributors, this book would seem to be well worthy of the title, "Golden Treasury of Anthropology," which an admiring early reader bestowed upon it but which the editor, with becoming modesty, would wave aside.

Science News Letter, July 4, 1931

Physiology

ADVENTURES IN BIOPHYSICS—A. V. Hill—*University of Pennsylvania Press*, 162 p., \$3. "The real reasons why we did the things we did, the delays and imperfections and perplexities that beset us, the misery of continual failure, the joy of occasional success, the faith that with patience and persistence we should find the unknown something we were sure was there—all these are unfitting in a scientific periodical, yet somewhere a hint at least of them should be recorded." To give such a record is the object of these lectures delivered as the inaugural series under the Johnson Foundation for medical physics at the University of Pennsylvania by the Foulerton research professor of the Royal Society. The mechanics of muscular contraction, the conception of the steady state and other topics are described.

Science News Letter, July 4, 1931

Mineralogy

THE MINERALS OF NEW YORK CITY AND ITS ENVIRONS—J. G. Manchester—*New York Mineralogical Club*, 168 + xvii p., 127 pl., \$2.50. A great deal of interesting information about the minerals to be found in a fifty-mile radius about New York. There is an extensive locality list, with minerals found at each place, and a very complete bibliography.

Science News Letter, July 4, 1931

Aviation

THE AIRCRAFT MECHANICS' HANDBOOK—I. W. Miller—*McGraw-Hill*, 174 p., \$2. Probably the most resourceful mechanics, at least among the younger generation, will be found around airplane hangars and shops; the most rapidly-developing of present-day transportation industries is a challenge and attraction to them. Written especially for

their use is this compact but complete little book, giving practical hints for jobs all the way from loosening a balky nut to assembling an engine or setting a propeller.

Science News Letter, July 4, 1931

Philosophy

SCIENCE AND RELIGION—Twelve Authors—*Scribners*, 175 p., \$1.75. A round dozen of leaders in both fields who have the gift of words to tell the common man what they are thinking about all have their say in succession. Naturally, when the list includes such diverse minds as Eddington, Malinowski, Dean Inge and Father O'Hara, you will expect to "come out by that same door where in you went"; yet certainly not without much entertainment and profit from having heard "doctor and saint in learned argument."

Science News Letter, July 4, 1931

Aviation

AIR TRANSPORT OPERATION—Wesley L. Smith—*McGraw Hill*, 316 p., \$4. In these days of rapid development in a new medium of travel and transportation, a book like Mr. Smith's will be welcomed both by executives struggling with problems already existent and by organizers of instruction for the young men who will have to face air transport problems of the future.

Science News Letter, July 4, 1931

Philosophy

SCIENTIFIC INFERENCE—Harold Jeffreys—*Cambridge University Press*, 243 p., \$3.25. A mathematical and philosophical analysis of the process of setting up a scientific generalization from the brute facts. The approach is largely from the standpoint of the theory of probability and the illustrations are taken from mathematical physics, cosmogony and geophysics. The fundamental starting point of the work is that it is possible, both in scientific and everyday experience, to make inferences with a high degree of probability beyond the data directly known by sensation.

Science News Letter, July 4, 1931

Physics

A TEXT BOOK OF PHYSICS—L. B. Spinney—*Macmillan*, 679 p., \$3.75. This is the fourth edition of an excellent standard text for university and college students. The arrangement of materials is conservative.

Science News Letter, July 4, 1931

Botany

WILD FLOWERS OF THE ALLEGHANIES—Joseph E. Harned—*Pub. by author*, 670 p., \$4.50. This is a book recommended without reservation, not only to the botanist and flower lover but to anybody who lives in or wanders through the eastern mountains of our country. It is a solid and substantial contribution to popular botanical literature, well and understandably written, illustrated with scores of clear-cut, diagrammatic line drawings and embellished with eight superb color plates by Miss Mary Eaton and F. S. Matthews. This book is sure to arouse enthusiasm in any understanding person who looks into it.

Science News Letter, July 4, 1931

Travel

VIAJANDO POR LOS ESTADOS UNIDOS—*Pan American Union*, 130 p., 25 C. An illustrated guide to the United States, printed in Spanish; containing, in addition to the usual information, many useful facts such as a list of the journals printed in Spanish and suggested excursions.

Science News Letter, July 4, 1931

Chemistry

QUALITATIVE CHEMICAL ANALYSIS—Herman T. Briscoe—*Van Nostrand*, 279 p., \$2.25. This is a book for students who have had an introductory course in general chemistry. The first part deals with the fundamental physico-chemical principles on which analysis is based. A detailed description of laboratory procedure and technique follows.

Science News Letter, July 4, 1931

Mining

MINING METHODS—C. A. Mitke—*McGraw-Hill*, 196 p., \$3. A compact but complete treatise on practical mining methods. It will be welcomed by men in the field as well as by teachers in schools of mining.

Science News Letter, July 4, 1931

Home Economics

CARE AND REPAIR OF THE HOUSE—Vincent B. Phelan—*Government Printing Office*, 121 p., 20c. Any household-er will fall upon this little book with enthusiasm, for it tells clearly and authoritatively how to repair leaky faucets, fix the screen door, and do successfully any other "odd jobs" that constantly demand attention.

Science News Letter, July 4, 1931