

# ● First Glances at New Books

## Physics

**FROM GALILEO TO COSMIC RAYS**—Harvey B. Lemon—*University of Chicago Press*, 450 p., Trade ed. \$5.00, with stereoscope; Educational ed. \$3.75, stereoscope, 75c. It is an unfortunate situation in college teaching in some cases that a textbook on a given subject is designed to provide information for a student majoring in that subject. Actually the subject is only one of many on a student's schedule. Frequently he becomes lost in a mass of detail. In "From Galileo to Cosmic Rays" this problem in the field of physics is faced squarely. The result is a text with continuity which can be read from cover to cover in a reasonable time. The use of stereophotographs in three dimensions is a novel feature adding interest to the book. Don't ridicule the unorthodox drawings and diagrams. They explain the subject matter, where needed, in a superior fashion. Laymen who haven't looked at a physics textbook since high-school days will want this book and profit by it.

*Science News Letter, October 27, 1934*

## Sociology

**THE STRANGER, A STUDY IN SOCIAL RELATIONSHIPS**—Margaret Mary Wood—*Columbia Univ. Press*, 295 p., \$4.50. How is the stranger received? That depends upon the social group and, in more civilized communities, upon the personality of the stranger himself. The author looks behind the treatment of the stranger in many places and many times for the social relationships responsible.

*Science News Letter, October 27, 1934*

## Economics

**NO MORE UNEMPLOYED**—John B. Chadle, H. O. Eaton and C. A. M. Ewing—*University of Oklahoma Press*, 124 p., \$1.35. The authors explain that the title was adopted "neither as a promise nor a toast," but to call attention to a major problem. The solution proposed consists of the foundation of an Industrial Stabilization Corporation, with provision for a credit exchange system.

*Science News Letter, October 27, 1934*

## Sociology

**THE MIGRATORY WORKER AND FAMILY LIFE**—Marion Hathaway—*Univ. of Chicago Press*, 240 p., \$1.50. A sociological study of those people who "follow the crops," made in the state of Washington. The family of such migrant workers consists of young

and middle-aged adults, native born and literate, accompanied by two or three children. Most of them move from three to five times a year. The workers suffer from inadequate housing, unregulated employment conditions, and exclusion from the workmen's compensation law. The children have no schooling or attend very irregularly. The volume is number 21 of the Social Service Monographs.

*Science News Letter, October 27, 1934*

## Technology

**THE PHYSICAL PROPERTIES OF LUMBER**—G. F. Ivey—*Southern Publishing Co. (Hickory, N. C.)*, 263 p., \$2. Price is \$2, instead of \$1.50 as previously announced in SCIENCE NEWS LETTER.

*Science News Letter, October 27, 1934*

## Astronomy

**THE CALCULATION OF THE ORBITS OF ASTEROIDS AND COMETS**—Kenneth P. Williams—*Principia Press*, 214 p., \$3.25. Textbook for students in mathematics. Prof. Williams believes in the use of calculating machines to take much of the drudgery out of orbit calculations, bringing such problems into the realm of useful student tasks.

*Science News Letter, October 27, 1934*

## Biography—Exploration

**MINUTE STORIES OF FAMOUS EXPLORERS**—Jerome S. Kates; illustrated by Herbert S. Kates—*Grosset & Dunlap*, 155 p., \$1. From Leif Ericsson to Lincoln Ellsworth, 73 explorers parade through this entertaining volume. One page is devoted to each man's career and his picture. Opposite is the map of his travels and drawings of episodes in his career. The book is intended primarily for boys and girls of school age.

*Science News Letter, October 27, 1934*

## Physics

**SOUND**—Harvey B. Lemon and Hermann I. Schlesinger—*University of Chicago Press*, 39 p., 35c. A guide for use with the educational sound pictures "Sound Waves and Their Sources" and "Fundamentals of Acoustics," prepared for the University of Chicago.

*Science News Letter, October 27, 1934*

## Crystallography

**THE CRYSTALLINE STATE, VOL. I: A GENERAL SURVEY**—Sir W. H. Bragg and W. L. Bragg—*Macmillan*, 352 p., \$5.50. This volume is the 1934 equivalent of the famous Bragg book *X-rays and Crystal Structure* which first appeared in 1914. The subject of crystals and their microstructure has grown so fast that three volumes will be necessary for the completed work. Volume I is a general roundup of the field with emphasis on the gathering of original papers, scattered in many journals, into one book which every reference library will need.

*Science News Letter, October 27, 1934*

## Technology

**AUTOMOBILE SERVICE SHOP MANAGEMENT**—C. Edward Packer and J. A. Ahlers—*American Technical Society*, 151 p., \$1.50. A manual for service managers, shop owners, and mechanics engaged in the management and operation of automobile service stations.

*Science News Letter, October 27, 1934*

## Economics

**THE BOOK OF THE MACHINE**—*Windsor Press*, 20 p., \$4.00. A twenty-page essay, beautifully printed in an edition of 200 copies.

*Science News Letter, October 27, 1934*

## General Science

**THE ADVANCE OF SCIENCE**—Edited by Watson Davis—*Doubleday, Doran*, 400 p., \$3.50. With perfect frankness, we of the staff of Science Service believe that this is a good book, a useful book and a book that everyone should buy. For it is an editorial production of the staff of Science Service. Enthusiastically the publisher says: "A march-of-time picture of all that's new in every branch of science throughout the world."

*Science News Letter, October 27, 1934*

## General Science

**YOUR GUIDE TO THE BUFFALO MUSEUM OF SCIENCE**—*Pub. by the Museum*, 27 p., 15c. This booklet was listed incorrectly as a free publication, in SCIENCE NEWS LETTER of October 6, 1934.

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