

# ● First Glances at New Books

## Geography

(See Front Cover)

FIRST OVER EVEREST!—Air-Commodore P. F. M. Fellowes, Col. L. V. S. Blacker, Col. P. T. Etherton, Lord Clydesdale, and Staff—*McBride*, 264 p., 38 ill., \$3.50. The world's highest mountain continues to baffle climbers, but the very first expedition that marshaled its forces to fly over this highest tip of land won success. The story of that historic and hazardous dash has been well told in this volume, by the fliers themselves. Before the flight, came months of patient preparation. One main result, aside from the thrill of achieving a great adventure, is a map strip twenty miles long and less than two miles wide, based on the vertical photographs taken during the flight. Everest has been mapped at last. The air photographs, a number of which appear in the book, are extraordinary, including such remarkable views as the Himalayan peaks seen from a distance of 100 miles, using infrared photography.

*Science News Letter, February 17, 1934*

## Reference Books

MODERN ENCYCLOPEDIA FOR CHILDREN—Edited by John R. Crossland and J. M. Parrish—*Wm. Collins*, 756 p., \$2.50. This fat book with its generous array of pictures comes very close to the goal of telling something about everything that children might ask about. But besides being interesting and informative, which we take for granted in an encyclopedia for children, the book very cleverly teaches, by suggesting ideas. There is, for example, a short and appealing article on the joy of reading, followed by pages of famous stories and much information on books and writers. The articles on science are numerous, and up-to-date. Since it is a British publication, there is a British slant to some of the subjects and illustrations, which might or might not be considered a disadvantage in this country.

*Science News Letter, February 17, 1934*

## General Science

COLLEGE PHYSICAL SCIENCE—Paul McCorkle and J. Arthur Lewis—*Blakiston*, 327 p., \$2. A text for the orientation course in physical science that is being given now in many colleges. The authors are the professor of physics and the professor of chemistry at State

Teachers College, West Chester, Pa. If every college student could have the opportunity of studying such a book as this under the guidance of an inspiring teacher, there would be a great gain in popular insight into the methods and possibilities of science.

*Science News Letter, February 17, 1934*

## Bacteriology

THE BIOLOGY OF BACTERIA—Arthur T. Henrici—*Heath*, x + 427 p., \$3.60. A textbook designed for the first course in college bacteriology, with the approach from the physiological angle, most favored by the modern method. The scope of the book is more comprehensive than title implies, for adequate treatment of other microorganisms, such as protozoa, algae and fungi, is also included.

*Science News Letter, February 17, 1934*

## Agriculture

A HISTORY OF AGRICULTURE IN THE STATE OF NEW YORK—Ulysses Prentiss Hedrick—*N. Y. Agricultural Experiment Station (Geneva)*, 462 p., \$3 plus postage. Primevaly the home of some of the most advanced North American Indian tribes, knowing the pioneer plows of several races, and now the scene of many diversified and intensive forms of agriculture, New York State farms have a varied and interesting tale to tell. In this book, printed for the New York State Agricultural Society, Dr. Hedrick sets forth the story well and vividly, and illuminates his text with a rich collection of old prints that by themselves alone would make the book worth ordering.

*Science News Letter, February 17, 1934*

## Mathematics

LES ESPACES MÉTRIQUES FONDÉS SUR LA NOTION D'AIRE—E. Cartan—*Hermann et Cie, Paris*, 46 p., 12 fr.

*Science News Letter, February 17, 1934*

## Hydraulics

DESIGN AND OPERATION OF DRAINAGE PUMPING PLANTS IN THE UPPER MISSISSIPPI VALLEY—John G. Sutton—*Govt. Print. Off.*, 59 p., 10c. Technical Bulletin No. 390, U. S. Department of Agriculture.

*Science News Letter, February 17, 1934*

## Botany

PIONEERING WITH WILDFLOWERS—George D. Aiken—*Author, Putney, Vt.*, 122 p., 40 pl., \$2. Increasingly, American garden-makers are turning to native species. Justifiably so, for there are many of our indigenous wildflowers that cannot be approached for delicacy or beauty by any introduced plants that will grow in our soil. But transplanting wildflowers from the woods to the garden must be done with knowledge and judgment, lest they perish. This book gives the knowledge, and as far as may be trains the judgment; it furnishes also illustrated descriptions of worthwhile wild species that put to shame the best efforts of nursery and seed catalogs—and that have the considerable added virtue of being wholly truthful! It would be difficult to choose a better early-spring gift for a friend really devoted to a garden.

*Science News Letter, February 17, 1934*

## Philosophy

L'ANCIENNE ET LA NOUVELLE LOGIQUE—Rudolf Carnap—*Hermann et Cie, Paris*, 36 p., 8 fr.

*Science News Letter, February 17, 1934*

## Engineering

PROCEEDINGS OF THE THIRTY-SIXTH ANNUAL MEETING, VOL. 33, 1933—*American Society for Testing Materials*, PART I, 1092 p.; PART II, 804 p., each vol. \$5.50, paper binding; \$6 cloth; \$7 half-leather.

*Science News Letter, February 17, 1934*

## Metallurgy

SYMPOSIUM ON CAST IRON—*American Society for Testing Materials and American Foundrymen's Assn.*, 164 p., \$1.25 cloth, \$1.00 paper.

*Science News Letter, February 17, 1934*

## Physics

SPECTROSCOPY IN SCIENCE AND INDUSTRY—S. Judd Lewis—*Blackie & Son, Ltd., London*, 94 p., 3s. 6d. One of those brief yet surprisingly comprehensive books that so often come out of Britain. The author shows how modern methods of spectroscopy are applied to practical problems in industry and in science.

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