

● First Glances at New Books

Philosophy—General Science

PHILOSOPHY OF SCIENCE—Philosophy of Science Association—*Williams & Wilkins*, 132 p., \$5 per year. Volume 1, Number 1 of a new quarterly, the organ of the newly organized Philosophy of Science Association. Dr. William M. Malisoff of Philadelphia is editor and the array of scientists upon the editorial and advisory boards is imposing. Says the explanatory editorial: "Philosophy of science is the organized expression of a growing intent among philosophers and scientists to clarify, perhaps unify, the programs, methods and results of the disciplines of philosophy and of science. The examination of fundamental concepts and presuppositions in the light of the positive results of science, systematic doubt of the positive results, and a thorough-going analysis and critique of logic and of language, are typical projects for this joint effort."

Science News Letter, December 30, 1933

Engineering

GENERAL ENGINEERING HANDBOOK—Charles Edward O'Rourke, Ed.-in-Chief—*McGraw-Hill*, 921 p., \$4. A surprising amount of civil, mechanical and electrical engineering information has been brought between the covers of one convenient-sized handbook. This volume does not pretend to supplant more complete handbooks, each devoted to a separate branch of engineering, but rather it rounds out the reference shelf of the specialist in one field by making data from other fields available to him in readily usable and understandable form.

Science News Letter, December 30, 1933

Botany

THE MEXICAN AND CENTRAL AMERICAN SPECIES OF VIBURNUM—C. V. Morton—*Govt. Print. Off.*, vi+33 p., 5c.

Science News Letter, December 30, 1933

Sociology

METHODS IN SOCIOLOGY—Charles A. Ellwood—*Duke Univ. Press*, 214 p., \$1.50. The author belongs to the school holding that the sociologist should be free to develop his own methodology and need not be confined to methods analogous to those employed by the natural sciences. In his introduction, Dr. Howard E. Jensen quotes the saying that "value may prove the key that will

eventually release all of the human sciences from their present position of pathetic, if dignified, futility." "Such," he says, "at any rate, is the thesis of this book."

Science News Letter, December 30, 1933

Technology

THE ROMANCE OF PAPER—Warren B. Bullock—*Richard G. Badger*, 88 p., \$2. This is a delightfully informative little book which describes non-technically and without neglect to the history of paper making the many different kinds of papers, their uses and how and where they are made.

Science News Letter, December 30, 1933

Psychology

A SURVEY OF THE SCIENCE OF PSYCHOLOGY—J. R. Kantor—*Principia Press*, 564 p., \$3.75. A textbook for college students written from the organismic or interactional viewpoint by a professor of psychology at Indiana University. The organismic psychologist disagrees with both mentalist and behaviorist. He regards the individual as the result of an interplay of forces between the organism and the environment.

Science News Letter, December 30, 1933

Exploration

THE CONQUEST OF THE ATLANTIC—Ingri and Edgar Parin d'Aulaire—*Viking*, 55 p., \$2.50. As a book for "any age after ten, or even before," this quarto volume is classically wrought both in respect to its 27 pages of superb illustrations, many of which are in color, and to the research preceding and care in the preparation of the text.

Science News Letter, December 30, 1933

Chemistry

SYNTHETIC ORGANIC CHEMISTRY IN INDUSTRY—George O. Curme, Jr.—*Columbia Univ. Press*, 29 p., 50c.

Science News Letter, December 30, 1933

Education

SELECTION AND APPOINTMENT OF TEACHERS—W. S. Deffenbaugh and William H. Zeigel—*U. S. Govt. Print. Off.*, 115 p., 10c. Monograph No. 12 of the National Survey of Secondary Education.

Science News Letter, December 30, 1933

Astronomy

GLORIOUS STARS—M. E. Rixson—*Putnam*, 80 p., 2 folded charts, \$1. An excellent judicious blend of brief astronomical information, mythological background and literary allusions, with plenty of diagrammatic constellation charts. A really astonishing amount of popular astronomy to get into so few pages.

Science News Letter, December 30, 1933

Botany

SPRING WILD FLOWERS OF THE OPEN FIELD—Gayle Pickwell, editor—*Suttonhouse (Los Angeles)*, x+156 p., \$2.50. Anybody who has ever walked the California mesas and foothill meadows at that magical turn of the seasons, about Easter, when the rains have ceased and the sun has not yet become a tyrant, can understand the legend of Proserpine; for southern California and the Greek peninsula are ecologically much alike. This addition to the already extensive California floral literature will charm you whether you are a botanist or a classicist.

Science News Letter, December 30, 1933

Standards

1933 BOOK OF A. S. T. M. STANDARDS: PART I, METALS; PART II, NON-METALLIC MATERIALS—*American Society for Testing Materials*, Part I 1002 p., Part II 1298 p., cloth \$14 or \$7.50 each part, half leather \$17 or \$9 each part.

Science News Letter, December 30, 1933

Education

THE REORGANIZATION OF SECONDARY EDUCATION—Francis T. Spaulding, O. I. Frederick and Leonard V. Koos—*U. S. Govt. Print. Off.*, 423 p., 40c. One of the larger monographs (No. 5) of the National Survey of Secondary Education.

Science News Letter, December 30, 1933

Paleontology

A POPULAR GUIDE TO THE NATURE AND THE ENVIRONMENT OF THE FOSSIL VERTEBRATES OF NEW YORK—Roy L. Moodie—*Univ. of the State of New York*, 122 p., 45c.

Science News Letter, December 30, 1933

Science News Letter will secure for its subscribers any book or magazine in print which was published in the United States. Send check or money order to cover regular retail price (\$5 if price is unknown, change to be remitted) and we will pay postage in the U. S. When publications are free, send 10c for handling. Address Book Dept., Science News Letter, 21st and Constitution Ave., Washington, D. C.
