

• First Glances at New Books

Mathematics

MATHEMATICAL EXCURSIONS—Helen Abbot Merrill — *Author, Wellesley, Mass.*, 145 p., \$1.75. This is a useful addition to the literature on mathematical recreation, written by the professor of mathematics emeritus in Wellesley College, who selected the problems over a period of years with no thought of making public use of them. But they have now been gathered into this book which should prove helpful to high school teachers and give amusement and guidance to more alert pupils.

Science News Letter, May 13, 1933

Animal Behavior

COLONY-FOUNDING AMONG ANTS—William Morton Wheeler—*Harvard Univ. Press*, 179 p., \$2. This book, in which Prof. Wheeler discusses some exceedingly primitive behavior traits found among the famous "bulldog" ants of Australia and their significance in the phylogeny of ant behavior generally, will be of keen interest to biologists, and especially to entomologists and students of animal behavior. (See also SNL, Dec. 10, '32, p. 373.)

Science News Letter, May 13, 1933

Neurology

THE OUTLINE OF THE CRANIAL NERVES—John Favill—*University of Chicago Press*, 112 p., \$1.50. A compact handbook for medical students beginning the course in neurology. The author considers the subject of the cranial nerves as the cornerstone of clinical neurology. In this discussion each nerve is considered under five heads; anatomy, function, tests, pathology and localization. Too technical for the layman, but it should be very helpful to the medical student.

Science News Letter, May 13, 1933

Home Economics

JUNIOR HOME ECONOMICS—Mata Roman Friend and Hazel Shultz—*Appleton*, 304 p., \$1.10. A practical text for high school classes. It covers food preparation, nutrition and marketing.

Science News Letter, May 13, 1933

Medicine

CALCIUM METABOLISM AND CALCIUM THERAPY—Abraham Cantarow—*Lea & Febiger*, 252 p., \$2.50. This second edition of Dr. Cantarow's instructive book has been thoroughly revised to include the latest developments in

this rapidly changing field. There is an introduction by Hobart Amory Hare, late professor of therapeutics in Jefferson Medical College. The book is written for physicians and scientific investigators.

Science News Letter, May 13, 1933

Psychology

SEVEN PSYCHOLOGIES—Edna Heidebreder—*Century*, 450 p., \$3. A birds-eye-view of some of the varying schools of thought which are important to this science. The seven selected for discussion are: Structuralism, the Psychology of William James, Functionalism, Behaviorism, Psychoanalysis, Dynamic Psychology, and Gestalt Psychology. The book is interesting and helpful to the student, though not so spectacular as its vivid jacket might lead one to hope or fear.

Science News Letter, May 13, 1933

Engineering—Juvenile Literature

DIGGERS AND BUILDERS—Henry B. Lent—*Macmillan*, 68 p., \$1.50. ABC of practical engineering construction written for youngsters by a father, aided by his six-year-old son. Dan the Derrick Man, Sam the Cement Mixer and other makers of the building next door were interviewed. An antidote to "whys."

Science News Letter, May 13, 1933

Hygiene

THE ROAD TO HEALTH, FIRST BOOK—Herman N. Bundesen and Corinne Manry—*Laidlaw*, 96 p., 52c. This health reader, illustrated in pastel shades, uses repetition to emphasize the health lessons.

THE ROAD TO HEALTH, BOOK TWO—Herman N. Bundesen and Corinne Manry—*Laidlaw*, 127 p., 56c.

Science News Letter, May 13, 1933

Mathematics

GEOMETRY WORKBOOK—Royal A. Avery—*Allyn and Bacon*, 251 p., 80c. Ninety exercises based on the author's plane geometry but covering the whole field of geometry in such a way that it may be used with any text. There are 600 diagrams.

Science News Letter, May 13, 1933

Medicine

PROCEDURES IN TUBERCULOSIS CONTROL—Benjamin Goldberg—*F. A. Davis Co.*, 373 p., \$4. A most comprehensive and practical discussion of the tuberculosis problem from every aspect, written by a physician and administrator of wide experience. The book will be valuable to physicians, nurses, sanatorium superintendents, and to municipal or other public officials whose duties are related to the tuberculosis problem. Public-spirited citizens will also find much information to guide them in their efforts to improve the tuberculosis situation in their communities.

Science News Letter, May 13, 1933

Chemistry

INTRODUCTORY CHEMISTRY WITH HOUSEHOLD APPLICATIONS—Nellie M. Naylor and Amy Le Vesconte—*Century*, 367 p., \$2.60. Written by two professors of chemistry who are women this text is designed for use in first year chemistry courses in colleges and universities where women students are enrolled. The illustrative material consists of household applications of chemical principles rather than industrial applications.

Science News Letter, May 13, 1933

Astronomy

SUNDIALS—Bureau of Standards—*Government Printing Office*, 6 p., 5c. The construction of a horizontal sundial with drawings showing the method of laying out the dial is given in this circular.

Science News Letter, May 13, 1933

General Science

EVERYDAY PROBLEMS IN SCIENCE—Charles John Pieper and Wilbur Lee Beauchamp—*Scott Foresman and Co.*, 734 p., \$1.60. A revised edition of a widely used general science text.

Science News Letter, May 13, 1933

General Science

ANNUAL REPORT OF THE DIRECTOR TO THE BOARD OF TRUSTEES, 1932, *Field Museum of Natural History*, 429 p., \$1.

Science News Letter, May 13, 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 (\$9 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.