

# • First Glances at New Books

## Radio

**RADIO ROUND THE WORLD**—A. W. Haslett—*Macmillan*, 196 p., \$1.75. What radio is all about written in the familiar and pleasing British conversational style made so popular by Jeans and Eddington. In the very first chapter one reads, and enjoys, a discussion of what Maxwell's electromagnetic equations mean and how Hertz proved that wireless waves exist years later. Before one is through, radio in medicine, television and wartime communication are presented, all in the same pleasing non-technical fashion. In the boom days of radio this book might have been a best seller but it is a better book for having waited to be written.

*Science News Letter, January 19, 1935*

## Child Psychology

**FAITH OR FEAR IN CHILD TRAINING**—Margaret W. Eggleston—*Round Table Press*, 191 p., \$2. Written for the guidance of mothers from the point of view of the religious educator.

*Science News Letter, January 19, 1935*

## Climatology—Physiology

**LIVING WITH THE WEATHER**—Clarence A. Mills—*Caxton Press*, 206 p., \$1.50. This book might be termed "the human side of climate" with a most peculiar appropriateness. Dr. Mills discusses physiological and psychological reactions of individuals and races to their climatic backgrounds, and the effects on these reactions of such factors as occupation, social background and the use of stimulants and depressants. He holds, for example, that in our sometimes too-bracing North American climate a moderate use of alcohol brings beneficial relaxation, but considers pernicious our national addiction to coffee.

*Science News Letter, January 19, 1935*

## Physics

**ELECTRONS (+ AND -), PROTONS, PHOTONS, NEUTRONS, AND COSMIC RAYS**—Robert A. Millikan—*Univ. of Chicago*, 492 p., \$3.50. The thousands of readers of Prof. Millikan's book, "Electron," first published in 1917 and revised in 1924, will welcome his new work for it is, in one sense, a third revision of the early book. The only material changed in the forepart of the volume is that needed to bring the "Electron" up to date. So much has happened in atomic physics, however,

that six new chapters have been added discussing cosmic rays, spinning electrons, positrons, neutrons and transmutation of the elements. Important, and what will someday be historical, photographs are given which make the illustrative material a vital feature of the book.

*Science News Letter, January 19, 1935*

## Physics

**UNE NOUVELLE CONCEPTION DE LA LUMIÈRE**—Louis de Broglie—*Hermann et Cie., Paris*, 48 p., 12 fr.

*Science News Letter, January 19, 1935*

## Physics

**FLUORESCENCE DES VAPEURS DANS LE CAMP MAGNÉTIQUE**—J. Grenard—*Hermann et Cie., Paris*, 47 p., 12 fr.

*Science News Letter, January 19, 1935*

## Physics

**L'ATOME DE THOMAS-FERMI**—L. Brillouin—*Hermann et Cie., Paris*, 47 p., 12 fr.

*Science News Letter, January 19, 1935*

## Physics

**L'ÉLECTRON POSITIF**—Irène Curie and F. Joliot—*Hermann et Cie., Paris*, 26 p., 10 fr.

*Science News Letter, January 19, 1935*

## Physics

**LES RADIOCOLLOIDES**—M. Haissinsky—*Hermann et Cie., Paris*, 25 p., 9 fr.

*Science News Letter, January 19, 1935*

## Physics

**LES CHAMPS "SELF-CONSISTENTS" DE HARTREE ET DE FOCK**—L. Brillouin—*Hermann et Cie., Paris*, 37 p., 10 fr.

*Science News Letter, January 19, 1935*

## Paleontology

**BEFORE THE DAWN OF HISTORY**—Charles R. Knight—*Whittlesey House*, 119 p., \$2.50. One of the best known among paleontologist-artists, whose ambitious restoration paintings and sculptures adorn the halls of leading museums in this country, here gathers together some of his best, and builds a most readable book about them.

*Science News Letter, January 19, 1935*

## Language

**DICTIONARY OF FOREIGN TERMS FOUND IN ENGLISH AND AMERICAN WRITINGS OF YESTERDAY AND TODAY**—C. O. Sylvester Mawson—*Crowell*, 389 p., \$2. This is more than a dictionary; it makes handily available good English equivalents to thousands of common foreign phrases, literary allusions and proverbs, as well as single words. All languages are combined in a single alphabetical listing. Teachers, editors, writers—everyone who lives by some phase of the difficult trade of words—will want this book within instant arm's length.

*Science News Letter, January 19, 1935*

## General Science

**RESEARCH AND PROGRESS**—Edited by Karl Kerkhof—*Berlin*, Quarterly, 6 shillings a year. A new magazine in English (excellent idiomatic English, too, not a bit "verdeutsch") giving popular accounts of some of the more outstanding current advances in science in Germany. The initial number contains articles by Max Planck, Albrecht Penck, Emil Abderhalden, and others.

*Science News Letter, January 19, 1935*

## Forestry

**FOREST MENSURATION**—Donald Bruce and F. X. Schumacher—*McGraw-Hill*, 360 p., \$3.50. Whether you are scaling logs or cruising timber, you will profit by the things that are in this new book by a pair of thoroughly experienced foresters. It puts the job of finding out how much wood there is in the woods on a soundly quantitative basis, making possible the elimination of much wasteful guesswork.

*Science News Letter, January 19, 1935*

## General Science

**PROBLEMS IN GENERAL SCIENCE**—G. W. Hunter and W. G. Whitman—*American Book Co.*, 688 p., \$1.72. New edition of a high school text on general science which tackles among other things such modern problems as stratosphere exploration, atomic theory, dial telephones, reclamation projects and metal alloys.

*Science News Letter, January 19, 1935*

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