

# • First Glances at New Books

## Paleontology

A HISTORY OF LAND MAMMALS IN THE WESTERN HEMISPHERE (Rev. ed.)—William Berryman Scott—*Macmillan*, 786 p., illus., \$7.50. Many new developments and discoveries made since the first edition of Prof. Scott's book and now incorporated, render this new edition practically a new book. The excellent organization of the first edition is preserved, and many of the illustrations, but there are considerable numbers of new figures, and so much added text material that the book is larger by nearly 100 pages than its predecessor. Praise by any reviewer would of course be sheer supererogation; every paleontologist and mammalogist knows that this book is a "must" for the shelf at his elbow.

*Science News Letter, January 8, 1938*

## Physics

THE PHYSICAL TREATISES OF PASCAL: THE EQUILIBRIUM OF LIQUIDS AND THE WEIGHT OF THE MASS OF THE AIR—Translated by I. H. B. and A. G. H. Spiers—*Columbia Univ. Press*, 181 p., illus., \$3.25. This original material has hitherto been available only in a few large libraries. Pascal's writing displays the enthusiasm of the 17th century "pneumatic" chemists who studied the behavior of gases and adopted experimental techniques.

*Science News Letter, January 8, 1938*

## Astronomy

OUR STARS MONTH BY MONTH—Mary Proctor—*Warne*, 92 p., illus., \$1. A simple guide to the constellations with monthly charts of position.

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## Chemistry

SYNTHETIC RUBBER—W. J. S. Naunton—*Macmillan*, 162 p., illus., \$2.50. A British book for the intelligent layman which summarizes the history, economics, chemistry, physics and technology of synthetic rubber-like materials. It is devoted mainly to Neoprene.

*Science News Letter, January 8, 1938*

## Chemistry

SYNTHETIC RESINS AND ALLIED PLASTICS—R. S. Morrell, ed.—*Oxford Univ. Press*, 417 p., illus., \$11. A very complete British book which will be useful to the chemical engineer and research chemist in this field.

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## American History

RED CLOUD'S FOLK—George E. Hyde—*Univ. of Oklahoma*, 331 p., \$3.50. The first attempt to tell so complete a his-

tory of a Sioux tribe. It follows fortunes of the Oglalas from mid-seventeenth century, when they were involved in war with the Crees, their westward drive as they followed the buffalo, their struggle with the whites, and their final settlement at Pine Ridge agency, South Dakota, in 1878.

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## Genetics—Psychology

COLLECTED STUDIES ON THE DIONNE QUINTUPLETS—W. E. Blatz, N. Chant, M. W. Charles, M. I. Fletcher, N. H. C. Ford, A. L. Harris, J. W. MacArthur, M. Mason, D. A. Millichamp—*Univ. of Toronto Press*, various paging, illus., \$4. This includes documentary photographs, fingerprints, records of mental tests and other pertinent data about a very interesting group of children.

*Science News Letter, January 8, 1938*

## Social Science

MAN AND SOCIETY: A SUBSTANTIVE INTRODUCTION TO THE SOCIAL SCIENCES—Emerson P. Schmidt, ed.—*Prentice-Hall*, 805 p., \$5. Thirteen authors, mostly from the University of Minnesota, cover their fields to give the reader a broad orientation.

*Science News Letter, January 8, 1938*

## Library Science

TEACHING THE USE OF BOOKS AND LIBRARIES: A MANUAL FOR TEACHERS AND LIBRARIANS (Rev. ed.)—May Ingles and Anna McCague—*H. W. Wilson*, 207 p., \$1.80. The first edition of this book was planned as a teacher's manual for a special textbook, *Library Key* by Zaidée Brown; in the new edition same arrangement has been kept, but the scope has been broadened to make it suitable for more general use.

*Science News Letter, January 8, 1938*

## Geology

PETROLEUM FACTS AND FIGURES (5th ed.)—*American Petroleum Institute*, 245 p., 75 c. A mine of up-to-date information about the petroleum industry.

*Science News Letter, January 8, 1938*

## Metallurgy

THE TECHNICAL ANALYSIS OF ORES AND METALLURGICAL PRODUCTS—F. D. Hills—*Chemical Publishing Co. of N. Y.*, 201 p., \$3.

*Science News Letter, January 8, 1938*

## Technology

A. S. T. M. STANDARDS ON ELECTRICAL INSULATING MATERIALS—*American Society for Testing Materials*, 373 p., \$2.

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## Medicine

SOCIALIZED MEDICINE IN THE SOVIET UNION—Henry E. Sigerist—*Norton*, 378 p., \$3.50. With discussion of socialized medicine running rampant in both medical and lay press, this account of what is going on in the Soviet Union, which was "the first country that ever attempted to socialize medicine," is particularly worth reading. Dr. Sigerist points out some of the deficiencies still present in Soviet medical practice, but he believes that these will be overcome in the near future.

*Science News Letter, January 8, 1938*

## Nutrition

MAN, BREAD AND DESTINY—C. C. Furnas and S. M. Furnas—*Reynal & Hitchcock*, 364 p., \$3. This is a highly entertaining discussion of food and diet from every angle—historical, ethnological, nutritional.

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## Sociology

AMERICA'S 60 FAMILIES—Ferdinand Lundberg—*Vanguard*, 544 p., \$3.75. Who owns and controls America's large fortunes today and how are these fortunes used? This book offers answers to these questions and examines the role of great wealth in politics, industry, education, science, literature and the arts, journalism, social life and philanthropy. The chapters, "Philanthropy, or Non-commercial Investment" and "Education for Profit and Tax Exemption" will interest especially scientists and professors.

*Science News Letter, January 8, 1938*

## Psychology

SEXUALITY IN THE SECOND DECADE—Raymond Royce Willoughby—*Society for Research in Child Development, National Research Council*, 57 p., 75 c. A comprehensive and critical review of the scientific material available bearing on an important phase of the psychology of adolescence.

*Science News Letter, January 8, 1938*

## History of Chemistry

A SHORT HISTORY OF CHEMISTRY—J. R. Partington—*Macmillan*, 386 p., \$2.50. The compactness of this book by a British author is achieved by minimizing—with only a few of the most important examples—the achievements since 1850. Because research in the last half of the 19th and present-day 20th century forms much of the current material of chemistry lectures, it has been dropped in this volume.

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