

# • First Glances at New Books

## Mechanical Engineering

A HUNDRED YEARS OF MECHANICAL ENGINEERING—Edward Cressey—*Macmillan*, 340 p., \$4.25. Engineers, especially the "mechanicals" will find this book of great interest for it is no "boy's book" of invention. There is plenty of meat for the technical reader yet the material is presented with interest and good arrangement and illustration.

*Science News Letter, March 5, 1938*

## Science—Biography

FAMOUS MEN OF SCIENCE (New ed.)—Sarah K. Bolton—*Crowell*, 376 p., \$2. Here is the sixteenth printing of this popular book which first appeared in 1889. This newest edition has been enlarged and improved and new chapters have been added to include Thomas A. Edison, the Curies, and Marconi.

*Science News Letter, March 5, 1938*

## Parapsychology

AN EXPERIMENT WITH TIME (4th ed. rev.)—J. W. Dunne—*Macmillan*, 297 p., \$2.75. Giving the author's explanation of the prophetic type of dream as a sort of reversal in the ordinary course of time.

*Science News Letter, March 5, 1938*

## Chemistry

GERMAN FOR CHEMISTS—John H. Yoe and Alfred Burger—*Prentice-Hall*, 537 p., \$4.50. New text of the University of Virginia on the reading of chemical German. The book is well graduated in its scale of complexity and contains a very large amount of material.

*Science News Letter, March 5, 1938*

## Chemistry

MODERN THEORIES OF ORGANIC CHEMISTRY—H. B. Watson—*Oxford Univ. Press*, 218 p., \$4.50. Wave and modern quantum mechanics applied to organic chemistry. Research physicists and chemists, and departmental libraries in universities will want and need this book.

*Science News Letter, March 5, 1938*

## Chemistry

OUTLINES OF METHODS OF CHEMICAL ANALYSIS—G. E. F. Lundell and James Irvin Hoffman—*Wiley*, 250 p., \$3. A worth-while textbook with a different point of view. The authors point out that there has been a tendency in this field to concentrate on the final act of a chemical analysis—the determination—at the expense of the complete analysis itself. As a result, there is plenty of information about the determination of elements when they occur alone, but all

too little information on the essentials of chemical separation that can be applied to mixtures of elements. It is to balance this one-sided development of chemical analysis that the present book has been written.

*Science News Letter, March 5, 1938*

## Psychology—Education

GUIDANCE AND CHARACTER SERIES—Altoona, Pa. City Schools under the direction of Robert E. Laramy—*School and College Service*, 7 books, \$2.60. Happy Streets, 63 p., Straight Paths, 64 p., What Allan Learned, 64 p., Looking Ahead, 64 p., Doing Right, 64 p., Better Citizens, 64 p., Teaching Manual, Book I, 158 p. Written for grades one to six, under the direction of the superintendent of the Altoona city schools.

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## Psychology—Education

GUIDANCE AND CHARACTER SERIES—Altoona, Pa. City Schools, under the direction of Robert E. Laramy—*School and College Service*, 7 books, \$3.65. You and Your Friends, 126 p., You and Your School, 126 p., You and Your Inner-Self, 126 p., Who Are You? 126 p., Desirable Goals, 126 p., After High School, What? 126 p., Teaching Manual, Book II, 189 p. A series written (in the order named) for grades seven to twelve. A continuation of the elementary series, also written under Mr. Laramy's direction, they are unusually readable little books.

*Science News Letter, March 5, 1938*

## Safety

MODERN SAFETY SERIES—*School and College Service*, 5 books, \$1.50. Home Safety—May N. Steinman and Hazel S. Krumm, 62 p., School Safety—May N. Steinman and Hazel S. Krumm, 62 p., Public Safety—May N. Steinman and Hazel S. Krumm, 62 p., Automobile Safety—H. B. Allman and P. D. Burkhalter, 94 p., Sense and Safety—J. W. Irwin, Comp., 64 p. The first three books are suitable for intermediate grades or junior high school, the last two for senior high. They are thoroughly readable, and designed to stimulate classroom discussion.

*Science News Letter, March 5, 1938*

## Pharmacognosy

DRUG ATLAS FOR STUDENTS OF PHARMACY AND MEDICINE—Compiled by W. Scarnell Lean—*Longmans, Green*, 16 p., 75 c.

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## Medicine

AN ANALYSIS OF THE RESULTS OF TREATMENT OF EARLY, LATENT, AND MUCO-CUTANEOUS TERTIARY SYPHILIS—W. R. Snodgrass and R. J. Peters—*His Majesty's Stationery Office, London*, 126 p., 2s. A technical report for physicians and public health authorities, but which has one important message for the general public. These are the authors' findings, corroborating those of other students of the subject, that the spread of syphilis cannot be checked and the disastrous late-effects of the disease cannot be eliminated until the importance of adequate early treatment is generally recognized.

*Science News Letter, March 5, 1938*

## Biostatistics

PRINCIPLES AND METHODS OF TREE-RING ANALYSIS—Waldo S. Glock—*Carnegie Institution of Washington*, 100 p., 15 plates, \$2 paper, \$2.50 cloth. So many archaeologists and climatologists are studying tree rings, as a valuable aid to understanding the past, that a text of this sort should prove widely useful. The method explained is that evolved by Dr. A. E. Douglass.

*Science News Letter, March 5, 1938*

## Biography

CLEOPATRA—Emil Ludwig—*Viking*, 342 p., illus., \$3.50. This version of Cleopatra's intrigues and fortunes gives us "the psychological life of the heroine and her three Romans." As a biographical idea, this is attractive. However, some readers will not care for the experiment of describing long, imaginary thoughts in Cleopatra's mind, in order to avoid writing imaginary dialog. Somehow, thoughts prove harder reading than talk.

*Science News Letter, March 5, 1938*

## Physics

ELEMENTARY PRACTICAL PHYSICS—Newton Henry Black and Harvey Nathaniel Davis—*Macmillan*, 710 p., illus., \$2. Here is another in the long line of Parke and Davis elementary physics textbooks for high school. New illustrations and the usual clear diagrams make it even better than its well-known predecessors.

*Science News Letter, March 5, 1938*

## Biology

ATLAS OF CAT ANATOMY—David B. Horsburgh and James P. Heath—*Stanford Univ. Press*, 39 p., \$1. A clean-cut laboratory workbook for first-year biology students.

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