

• First Glances at New Books

Psychology

THE PROBLEM OF GENIUS—Wilhelm Lange-Eichbaum—Trans. by Eden and Cedar Paul—*Macmillan*, 187 p., \$3. This volume contains the theoretical conclusions from the author's encyclopaedic work, "Genie, Irrsinn und Ruhm" (Genius, Insanity, and Fame) which has not yet been translated into English and also considerable additional material pertaining to relations between genius and fame, and genius and talent.

Science News Letter, November 12, 1932

Physics

ELECTRONS AND WAVES—H. Stanley Allen—*Macmillan*, 335 p., \$2.50. If it is desired to obtain an introduction to atomic physics, this concise but readable book will officiate. Teachers and others who have not specialized in physics should welcome it. Mathematical symbols have not been entirely eliminated, but their use has been reduced to a minimum and only the simplest algebraic equations have been employed.

Science News Letter, November 12, 1932

Communication

MODERN MERCURIES—Lloyd George and James Gilman—*McBride*, 282 p., \$3. A popular story of communication written so as to appeal to boys and girls.

Science News Letter, November 12, 1932

Mineralogy-Economics

MINERAL ECONOMICS—Edited by F. G. Tryon and E. C. Eckel—*McGraw-Hill*, 311 p., \$2.50. An understanding of the technology and economics of mineral production is necessary to our present industrial life. These clarifying chapters which range from an outline of the field of mineral economics to a discussion of the future value of mineral property were delivered as lectures before the Brookings Institution.

Science News Letter, November 12, 1932

Mathematics

ELEMENTARY MATHEMATICAL ANALYSIS, Vol. I—Mayme Irwin Logsdon—*McGraw-Hill*, 210 p., \$2.25. This interesting volume is the outgrowth of an experiment by Mrs. Logsdon in the teaching of mathematics at the University of Chicago. The aim was to design a single course of a half year which would give the student a rather precise idea as to the nature of the fundamental notions of elementary mathematics and their relation to his everyday life. She

has used the unifying principle of functional relationship and she has introduced elementary calculus methods whenever these are available to shorten operations, to clarify principles and to lessen duplication of treatment in the text. The result would seem to be a fruitful new approach to freshman mathematics.

Science News Letter, November 12, 1932

Education

THE USE OF THE SELF—F. Matthias Alexander—*Dutton*, 143 p., \$2. What is wrong with the golfer who continues to take his eye off the ball despite the "pro's" admonitions and his own good intentions? And what causes the music pupil to continue to stumble and perpetuate an error that training only seems to intensify? The author proposes a cure for such defects in control which will interest teachers even though they may not have faith in all the applications proposed.

Science News Letter, November 12, 1932

Ecology

FOODS OF SOME PREDATORY FUR-BEARING ANIMALS IN MICHIGAN—Ned Dearborn—*Univ. of Michigan Press*, 52 p., 25c. A collection of stomach analyses and other solidly factual data supporting the thesis that foxes, skunks, martens and other fur-bearers are not the pests which farmers, irritated at an occasional henroost raid, are prone to consider them. The publication constitutes No. 1 of a new bulletin series by the School of Forestry and Conservation of the University of Michigan.

Science News Letter, November 12, 1932

Chemistry

TEXTILE RESEARCH—United States Institute for Textile Research, Inc.—*Massachusetts Institute of Technology Press*, 264 p., \$2.50. The organization of the United States Institute for Textile Research is one of the most forward looking events in industrial research of the past few years. There have been brought together in this volume surveys of the various areas of the extensive field written by specialists. The book will interest directly anyone remotely connected with textiles and it will also serve as a model for similar

surveys in other industries. The introduction by Dr. Vannevar Bush entitled "The Key to Accomplishment" is an engaging essay of fact and inspiration.

Science News Letter, November 12, 1932

Mineralogy

THE STORY OF MINERALS—Herbert P. Whitlock—*American Museum of Natural History*, 144 p., 80c. This handbook to the American Museum's important mineral collection is a valuable concise reference book which should be of use to those professionally or culturally interested in the subject.

Science News Letter, November 12, 1932

Psychology

THE MIND IN CONFLICT—R. A. Howden—*Oxford*, 83 p., 85c. A brief popular account of modern methods of approach to mental problems, and modern efforts to solve them.

Science News Letter, November 12, 1932

Evolution

SURVIVAL OF THE FITTEST—Henry Smith Williams—*McBride*, 321 p., \$3.50. Early Darwinism of the most naive kind, with many exceedingly bad drawings.

Science News Letter, November 12, 1932

Physics

LABORATORY PHYSICS—Dayton C. Miller—*Ginn*, 438 p., \$3. A new edition of a manual that has stood the test of thirty years continuous use. Additional exercises included in the new edition relate to the photoelectric cell, the thermionic vacuum tube, the charge of the electron and other recent developments.

Science News Letter, November 12, 1932

Chemistry

THE ALBUMIN PROCESS OF PHOTOLITHOGRAPHY—Robert F. Reed and Paul W. Dorst—*Lithographic Technical Foundation*, 105 p., \$2.50. A technical bulletin of value to professional workers in lithography and those interested in the physical and chemical problems of this duplication process. It is disappointing to find that the bulletin itself was not reproduced by the process that it describes.

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