

# ● First Glances at New Books

## Psychology

INTRODUCTION TO PHYSIOLOGICAL PSYCHOLOGY—Graydon LaVerne Freeman—*Ronald Press*, 579 p., \$4.50. A textbook intended not alone for the psychology student but for those interested in medicine, education, sociology, and zoology as well. Physiological psychology, the author says, does more than collect relevant material from physiology and neurology and relate it to psychological problems; it is actively engaged in building up a scientific literature dealing with the physiology of the intact human organism.

*Science News Letter, July 28, 1934*

## Psychology

INTRODUCTION TO COMPARATIVE PSYCHOLOGY—Carl J. Warden, Thomas N. Jenkins, and Lucien H. Warner—*Ronald Press*, 581 p., \$4.50. An abridgement by the senior author of an exhaustive study made by all three, of the immense and widely scattered literature on the subject of plant and animal behavior. Long reference bibliographies have been replaced by short lists for reading, the use of technical terms has been reduced, and in general the work has been made suitable for use as a text by the average student and as a reference work by the layman.

*Science News Letter, July 28, 1934*

## Physics

SIR ISAAC NEWTON'S MATHEMATICAL PRINCIPLES OF NATURAL PHILOSOPHY AND HIS SYSTEM OF THE WORLD—Florian Cajori—*Univ. of California Press*, 680 p., \$10. Revision of Andrew Motte's 1729 translation into English from the Latin of Sir Isaac Newton's famous book on the mathematical principles of natural philosophy. The author, late professor emeritus of the history of mathematics at the University of California, devoted years to this long-awaited work.

*Science News Letter, July 28, 1934*

## Psychology

A NEW PHYSIOLOGICAL PSYCHOLOGY—W. Burridge—*Wm. Wood and Co.*, 158 p., \$3. In which the author, a professor of physiology at Lucknow University, England, "develops the theory that the central neurones and sensory end-organs are rhythmically acting colloidal systems with two sources of energy, viz. absorption reactions and changes of colloidal aggregation. The proportions between the two sources are

capable of infinite variation and their interaction provokes response. The data of a sensation or idea are mediated through the first, and consciousness through the second source in the organ of the mind." His theory is a development of a prolonged experimental study of the heart. If the reader has doubts, the author recommends that he too conduct such an experimental study.

*Science News Letter, July 28, 1934*

## Criminology

TWENTIETH CENTURY CRIME: EIGHTEENTH CENTURY METHODS OF CONTROL—James Edward Hagerty—*Stratford*, 222 p., \$2. A book not about crime at all. It is a succinct survey of American methods of administering justice. Three sections deal respectively with legal procedure, treatment of the convicted, and penal systems.

*Science News Letter, July 28, 1934*

## Psychology

PRACTICAL PSYCHOLOGY IN CHARACTER DEVELOPMENT—Vera Barclay—*Sheed and Ward*, 190 p., \$2. Selections from "The Psychology of Character" by Rudolf Allers who is a reader in psychiatry at the University of Vienna.

*Science News Letter, July 28, 1934*

## Psychology

INDIVIDUAL DIFFERENCES—Frank S. Freeman—*Henry Holt*, 355 p., \$2.50. The subtle and wide differences between the minds of men are due to manifold causes in the heredity of the person and in the environment. This volume surveys the influences of inheritance, environment, race and nationality, sex, age, and special abilities and traits of personality.

*Science News Letter, July 28, 1934*

## Education

A SOCIAL BASIS OF EDUCATION—Harold S. Tuttle—*Crowell*, 589 p., \$3. The author's thesis is that society's stake in the attitudes which a child acquires is even greater than in the skills and concepts he gains, and that education can serve its social purpose only by consciously cultivating social interests.

*Science News Letter, July 28, 1934*

## Aeronautics

EXPLORING THE UPPER ATMOSPHERE—Dorothy Fisk—*Oxford*, 166 p., \$1.75. This is "the first book in any language about the stratosphere." Balloon ascensions are only one small way of probing the secrets of the stratosphere by which man taps its "floor" ten miles above the earth. There are 130 miles more to go. The author explains for the layman how science explores the region.

*Science News Letter, July 28, 1934*

## Ethnology

A NEW ORIGINAL VERSION OF BOSCANNA'S HISTORICAL ACCOUNT OF THE SAN JUAN CAPISTRANO INDIANS OF SOUTHERN CALIFORNIA—John P. Harrington—*Smithsonian Inst.*, 62 p., 2 pl. 5c. Early in the nineteenth century, Fr. Jeronimo Boscana worked among California Indians and wrote a treatise on their aboriginal life. This valuable old manuscript disappeared, and has been known only through a rather inadequate English translation. Now Mr. Harrington has discovered, not the 1846 original of this known translation, but a variant version written earlier, in 1822. The monograph contains Mr. Harrington's translation.

*Science News Letter, July 28, 1934*

## Psychology

COMPARATIVE PSYCHOLOGY—Edward L. Thorndike and others—*Prentice-Hall*, 529 p., \$3.50. This text was planned by a small group interested in the subject who got together at a recent meeting of the American Psychological Association. A committee selected, from suggested outlines, the topics to be included and assigned each of them to a specialist in the respective field. Bibliographies are unusually comprehensive.

*Science News Letter, July 28, 1934*

## Hygiene

HEALTH IN HOME, SCHOOL AND COMMUNITY—Lucy S. Morgan and Fay Morgan—*Patteran Press*, 55 p., 50c. This is a practical guide for parent-teacher and women's associations to follow in a program of health study and promotion.

*Science News Letter, July 28, 1934*

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