

# • First Glances at New Books

## Forestry

GERMAN FORESTRY—Franz Heske—*Yale Univ. Press*, 342 p., \$3. When we in the United States were still destructively "mining" our forests, forestry in Germany was already highly developed as both science and technology, with roots clear back to the Middle Ages. Although we have done much since then to close that gap, there is still much that we can learn from German experience. This book will therefore be a treasure-chest to persons seriously interested in forestry, whether professionally or as patriotic Americans.

*Science News Letter, March 19, 1938*

## Psychology

PERCEPTION OF NUMBER AS AFFECTED BY THE MONETARY VALUE OF THE OBJECTS—Heinz Ansbacher—*Archives of Psychology*, 88 p., \$1.25. It is a curious fact that the monetary value of objects affects the way in which we perceive them. This is a technical study of this phenomenon.

*Science News Letter, March 19, 1938*

## Medicine

THE PATIENT AND THE WEATHER, Vol. IV, Part 3: Organic Disease, Surgical Problems—William F. Petersen—*Edwards Brothers*, 651 p., \$10. More of Dr. Petersen's interesting observations on the relation of weather to health and disease. The monograph is not for lay readers but medical scientists will find it thought-provoking.

*Science News Letter, March 19, 1938*

## Genetics

THE EMBRYONIC DEVELOPMENT OF *DROSOPHILA MELANOGASTER*—D. F. Poulson—*Hermann et Cie, Paris*, 51 p., 15 fr. There are probably hundreds of geneticists who have ushered millions of *Drosophilas* into the world and examined them to see what the mysteries of mendelism have wrought in them, and who yet have no very clear idea of what happened before they emerged from their eggs. This small brochure sums up clearly and completely the antenatal life of this important small animal.

*Science News Letter, March 19, 1938*

## Botany

GRASSES IN KANSAS—Frank C. Gates—*Kansas State Board of Agriculture, Topeka, Kansas*, 349 p., illus., free upon direct request to the Kansas State Board of Agriculture. Not available through

Science Service. One of the most notable of regional floras that has yet been issued. Kansas is par excellence a grass state, the meeting place of grasses East and West, North and South. The excellent descriptions, analytic keys, and line illustrations will be highly useful to botanists in most parts of the United States and Canada.

*Science News Letter, March 19, 1938*

## Hygiene

HANDBOOK OF HYGIENE FOR STUDENTS AND PRACTITIONERS OF MEDICINE—Joseph W. Bigger—*William Wood and Co.*, 405 p., \$4. A book intended primarily for medical students, written by the professor of bacteriology and preventive medicine at the University of Dublin.

*Science News Letter, March 19, 1938*

## Botany

FLORIDA WILD FLOWERS, AN INTRODUCTION TO THE FLORIDA FAUNA (New ed.)—Mary Francis Baker—*Macmillan*, 245 p., illus., \$3.50. Florida, the one state in the Union named for its flowers, still charms visitors as it did Ponce de Leon, who named it and became its first enthusiastic tourist. This new edition of *Florida Wild Flowers* merits, and probably will repeat, the success that met its first issue a dozen years ago.

*Science News Letter, March 19, 1938*

## Mathematics

PLANE TRIGONOMETRY—William Kelson Morrill—*Farrar & Rinehart*, 167 p., \$1.60. Text for compact and brief course in plane trigonometry as used at the Johns Hopkins University, which enables the students to review the subject in from six to eight weeks.

*Science News Letter, March 19, 1938*

## Mineralogy

FIELD TESTS FOR MINERALS—E. H. Davison—*Chem. Pub. Co. of N. Y.*, 60 p., \$3. Well organized, carefully written, competently illustrated, this book will be useful to the student of mineralogy and valuable as a reference to the practicing mineralogist.

*Science News Letter, March 19, 1938*

## Physics

GEOMETRICAL OPTICS: AN INTRODUCTION TO HAMILTON'S METHOD—J. L. Synge—*Cambridge (Macmillan)*, 110 p., \$2. Another in the series of Cambridge tracts in mathematics and mathematical physics which are ever welcomed by advanced scientists.

*Science News Letter, March 19, 1938*

## Anthropology

THE DENTITION OF *SINANTHROPUS PEKINENSIS*: A Comparable Odontography of the Hominids—Franz Weidenreich—*Geological Survey of China, Peking*, 121 p., containing 345 figures and 49 diagrams. As all comparative anatomists and physical anthropologists know, teeth are at once among the most critical characters in the determination of relationships and among the most difficult to evaluate properly. Dr. Weidenreich's present study is of a piece with the rest of his work on *Sinanthropus*: plates that show every detail with meticulous accuracy, the various figures arranged in significant series.

*Science News Letter, March 19, 1938*

## Child Psychology

PERSONALITY DEVELOPMENT IN CHILDREN—Ernest J. Chave—*Univ. Chicago Press*, 354 p., \$2.50. This is a book on character development by an associate professor of religious education at the University of Chicago Divinity School.

*Science News Letter, March 19, 1938*

## Archaeology

PRELIMINARY REPORT ON THE SMITHSONIAN INSTITUTION-HARVARD UNIVERSITY ARCHAEOLOGICAL EXPEDITION TO NORTHWESTERN HONDURAS, 1936—William Duncan Strong, Alfred Kidder II and A. J. D. Paul, Jr.—*Smithsonian Inst.*, 129 p., 16 plates, 80 c.

*Science News Letter, March 19, 1938*

## General Science

VAN NOSTRAND'S SCIENTIFIC ENCYCLOPEDIA—Ed. by Richard M. Field and others—*Van Nostrand*, 1234 p., \$10. Thousands of alphabetically arranged articles, with a photograph to nearly every page, covering the basic sciences of chemistry, physics, mineralogy, geology, botany, astronomy and mathematics; the applied sciences of navigation, aeronautics and medicine; and civil, mechanical and electrical engineering. It will be a welcome addition to the reference shelf.

*Science News Letter, March 19, 1938*

## Psychology

THE PSYCHOLOGY OF MUSIC—James L. Mursell—*Teachers College, Columbia Univ.*, 389 p., \$3.75. A technical book that will probably be of considerable interest to the musical reader as well as to the psychologist interested in aesthetics. It applies to music the ideas of Gestalt psychology.

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