

• First Glances at New Books

Physics

MODERN PHYSICS—G. E. M. Jauncey—*Van Nostrand*, 568 p., \$4. To introduce the student who has finished an introductory general course in physics to such "live" matters as X-rays, the quantum theory, cosmic rays, relativity, radio, television, astrophysics, and geophysical prospecting, this text has evolved at Washington University from mimeographed notes. Prof. Jauncey believes that the best time to introduce a student to modern physics is in his second year as a physics student.

Science News Letter, November 19, 1932

Psychology

STUDIES IN THE DYNAMICS OF BEHAVIOR—Calvin P. Stone, Chester W. Darrow, Carney Landis, and Lena L. Heath—*University of Chicago Press*, 332 p., \$5. One of the series of Behavior Research Fund Publications, this volume includes three studies. The first, by Dr. Stone, attacks the problem of the genetic origin of temperamental differences. Dr. Darrow and Miss Heath show a relation between certain types of electrical responses of the body and definite traits of character. And Dr. Landis has studied the relation between emotional traits and juvenile delinquency.

Science News Letter, November 19, 1932

Paleontology

THE CANADIAN AND ORDOVICIAN FORMATIONS AND FOSSILS OF SOUTH MANCHURIA—Riuji Endo—*Govt. Print. Off.*, 152 p., 40 pl., 4 maps, 50c. A monograph of more than ordinary interest to paleontologists.

Science News Letter, November 19, 1932

Psychology-Education

PRINCIPLES OF MENTAL DEVELOPMENT—Raymond Holder Wheeler and Francis Theodore Perkins—*Crowell*, 529 p., \$3.75. A book on child psychology and the learning process based on Gestalt concepts. Though intended as a textbook for teachers, it is an excellent reference work and should be of great interest to parents and the general reader.

Science News Letter, November 19, 1932

Ornithology

THE BIRDS OF MINNESOTA—Thomas S. Roberts—*Univ. of Minnesota Press*, vol. I, xxii + 691 p., 50 colored pl.; vol. II, xv + 821 p., 42 colored pl.; \$6. A complete and detailed account

of the birds of Minnesota, which will of course be of use throughout the upper Mississippi Valley and of high reference value throughout the country. The author, who is professor of ornithology and director of the natural history museum at the University of Minnesota, has made this a truly monumental work, interesting to the amateur and even to the casual reader, yet of genuinely scientific usefulness to the professional. In addition to the wealth of splendid colored plates there are hundreds of text illustrations. The second volume includes a complete descriptive key.

Science News Letter, November 19, 1932

Economics

AN INTERNATIONAL ENQUIRY INTO COSTS OF LIVING—*World Peace Foundation (Boston)*, 210 p., \$2. A comparative study of workers' living costs in Detroit and fourteen European cities.

Science News Letter, November 19, 1932

Sociology

AN HYPOTHESIS OF POPULATION GROWTH—Ezra Bowen—*Columbia Univ. Press*, 238 p., \$3.75. "It is contended. . . that forces and influences operating upon the growth of population may be reduced to two overwhelmingly significant—and perhaps all-inclusive—factors, wealth and living-standards, and that a formula predicated on those two factors should prove helpful in promoting an understanding of the intricacies of population growth."

Science News Letter, November 19, 1932

Ethnology

YUMAN AND YAQUI MUSIC—Frances Densmore—*Govt. Print. Off.*, 216 p., 31 pl., 40c. Among Yuman tribes of the Colorado River valley and the Yaquis in Arizona Miss Densmore collected the 130 songs published and described in this monograph. Musical customs of these tribes are peculiar, the ethnologist found. Although comparatively near Pueblo and Californian Indians, the Yuman tribes have been shut in by desert and mountains so that their civilization is distinct from that of other Southwesterners.

Science News Letter, November 19, 1932

Psychology

THE NATURE OF HUMAN CONFLICTS—A. B. Luria—Transl. and ed. by W. Horsley Gantt—*Liveright*, 431 p., \$4. This volume makes available in English a wealth of laboratory data which may serve as an aid in the understanding of the complex problem of human behavior. The author's investigations of criminals and his suggestions for the control of human behavior are of particular interest.

Science News Letter, November 19, 1932

Ethnology

THE SWIMMER MANUSCRIPT—James Mooney and Frans M. Olbrechts—*Govt. Print. Off.*, 319 p., 50c. Some 40 years ago the late James Mooney of the Bureau of American Ethnology discovered a rare Cherokee Indian work on medicine. The Indian who had compiled the formulae for treating disease was known as "the swimmer," hence the name now given the manuscript. Mr. Mooney's task of transliteration and translation from the Cherokee writing has been brought to completion by Frans Olbrechts and this publication dealing with 96 formulae is the result.

Science News Letter, November 19, 1932

Psychology

THE MIND IN ACTION—A. Campbell Garnett—*Appleton*, 226 p., \$2. A "study of motives and values" written, as the author tells us, with the principles of Spearman as a starting point, but presenting other important theories.

Science News Letter, November 19, 1932

Biology

EVERYDAY PROBLEMS IN BIOLOGY—C. J. Pieper, W. L. Beauchamp and O. D. Frank—*Scott, Foresman*, 686 p., \$1.60. A well-thought-out, clearly written textbook for high school use.

Science News Letter, November 19, 1932

Electricity

PRACTICAL ELECTRICITY FOR BEGINNERS—George A. Willoughby—*Manual Arts Press*, 104 p., \$1. The second edition of a concise text and manual which treats electricity as applied to lighting, doorbells and automobiles.

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