

• First Glances at New Books

Additional Reviews
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Psychology

PERSONALITY, ITS DEVELOPMENT AND HYGIENE: AN OUTLINE OF MODERN APPROACHES TO THE STUDY OF HUMAN NATURE—Winifred V. Richmond—*Farrar & Rinehart*, 279 p., \$2. This swift-moving work of a psychologist at St. Elizabeth's government hospital for the mentally ill, is intended as a textbook for students of mental hygiene, but it will also be welcomed by interested laymen.

Science News Letter, June 19, 1937

Animal Husbandry

PORK PRODUCTION (Rev. ed.)—William W. Smith—*Macmillan*, 575 p., \$3.75. Breeding, feeding, judging, marketing and pork economics—just about everything a practical hog farmer needs to know.

Science News Letter, June 19, 1937

Zoology

ANIMAL COMMUNITIES IN TEMPERATE AMERICA AS ILLUSTRATED IN THE CHICAGO REGION. A STUDY IN ANIMAL ECOLOGY—Victor E. Shelford—*Univ. of Chicago Press*, 368 p., illus., \$3. A second printing, with addition of an annotated bibliography, of a book that has been standard in the literature of animal ecology since its first appearance in 1913.

Science News Letter, June 19, 1937

Physiological Chemistry

VITAMINS, MINERALS AND HORMONES—Albert P. Mathews—*William Wood*, 97 p., \$1.50. Three chapters reprinted from Prof. Mathews' larger work, *Principles of Biochemistry*. Since this is a college textbook, the reprint will prove too technical for most lay readers but will undoubtedly find a welcome from many scientific readers.

Science News Letter, June 19, 1937

Science Teaching

SCIENCE IN THE ELEMENTARY SCHOOL, INCLUDING AN ACTIVITY PROGRAM—W. C. Croxton—*McGraw-Hill*, 454 p., \$3. Coming from the Minnesota State Teachers College, this book is intended for use by elementary teachers. In addition to the discussions of method and practice in the first part, there are over three hundred pages of inviting science projects which both teachers and pupils should enjoy.

Science News Letter, June 19, 1937

Economics

REPORT OF THE INQUIRY ON COOPERATIVE ENTERPRISE IN EUROPE, 1937—*Govt. Print. Office*, 321 p., 65c. A compre-

hensive and useful study of how consumers run their own business in Europe, with evaluations as to what this means to the American scene. This government inquiry gives information which will be of use to those who are forming their own opinions on cooperative enterprise.

Science News Letter, June 19, 1937

Child Care

CHILD CARE AND TRAINING (4th ed. rev.)—Marion E. Faegre and John E. Anderson—*Univ. of Minnesota*, 327 p., illus., trade ed., \$2.50, text ed., \$2. This revised edition of a popular handbook from the University of Minnesota follows the same plan as former editions. New material, including a chapter on social development, has been added.

Science News Letter, June 19, 1937

Zoology

THE SCIENCE OF ANIMAL LIFE—Arthur Ward Lindsey—*Harcourt, Brace*, 656 p., \$3.75. A very solid, steadily-flowing presentation of animal biology for students of college level. It begins with simple general principles and concludes with an effort to apply biological doctrine to problems in present-day human society.

Science News Letter, June 19, 1937

Zoology

WHO'S WHO IN THE ZOO: NATURAL HISTORY OF MAMMALS—Ralph De Sola, ed.—*Halycon House*, 211 p., illus., \$1.69. A very well done picture book of animals in the zoo (specifically the New York Zoo, but really any zoo will do) prepared by workers of the WPA Federal Writers' Project in New York City. Photographs and block cuts are supplemented with informative text.

Science News Letter, June 19, 1937

Botany

A GUIDE TO THE SPRING FLOWERS OF MINNESOTA—Carl Otto Rosendahl and Frederic K. Butters—*Univ. of Minn.*, 91 p., \$1. A very compact yet very adequate state flora, with good workable keys and clean-cut line illustrations. It well merits going into this, its seventh edition.

Science News Letter, June 19, 1937

Vocational Guidance

MEN WANTED: THE NEW OPPORTUNITIES AND WHAT THEY DEMAND—Frances Maule—*Funk & Wagnalls*, 290 p., \$2. A book on vocational guidance with an introduction by Edward R. Stettinius, Jr.

Science News Letter, June 19, 1937

Psychology

MEASURING INTELLIGENCE: A GUIDE TO THE ADMINISTRATION OF THE NEW REVISED STANFORD-BINET TESTS OF INTELLIGENCE—Lewis M. Terman and Maud A. Merrill—*Houghton, Mifflin*, 461 p., \$2.25. For twenty-one years Dr. Terman's "The Measurement of Intelligence" has remained a classic in the science of psychometrics. This new guide to the administration of the revised Stanford-Binet test of intelligence may be expected to occupy a similar place in future years.

Science News Letter, June 19, 1937

Chemistry

QUALITATIVE ANALYSIS AND CHEMICAL EQUILIBRIUM—T. R. Hogness and Warren C. Johnson—*Holt*, 417 p., \$2.75. A college text from the University of Chicago.

Science News Letter, June 19, 1937

Physics

A COLLEGE TEXT-BOOK OF PHYSICS (5th ed.)—Arthur L. Kimball, revised by Peter I. Wold—*Holt*, 729 p., \$3.75.

Science News Letter, June 19, 1937

Photography

HOME PORTRAITURE—H. G. Russell—*Greenberg*, 108 p., \$1.50. Not a book for professionals or experienced amateurs, this work does contain some suggestions on lighting, composition, etc., which may be helpful to the beginning snapshotter. The photographs used as examples were apparently made under difficult home conditions.

Science News Letter, June 19, 1937

Hygiene

A WORKBOOK IN HEALTH FOR HIGH SCHOOL GIRLS—Gladys B. Gogle—*A. S. Barnes*, 267 p., \$1. The book is intended to be supplemented by reading, the students thus investigating the problems suggested in the workbook and finding the answers themselves. This approach may inspire greater interest in what often appears a very dull subject in the high school curriculum, and may accomplish the objective of having the student practice the principles she learns.

Science News Letter, June 19, 1937

Medicine

A TEXTBOOK OF NURSING TECHNIQUE: A MANUAL USED IN THE ASSOCIATED HOSPITALS IN THE UNIVERSITY OF MINNESOTA SCHOOL OF NURSING (3rd ed. rev.)—Marion L. Vannier and Barbara A. Thompson—*Univ. of Minnesota*, 277 p., illus., \$2.50.

Science News Letter, June 19, 1937

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Physics

ATOMIC STRUCTURE OF MINERALS—W. L. Bragg—*Cornell Univ.*, 292 p., \$3.75. This book, written while the author was the Baker non-resident professor at Cornell, is a discussion of mineralogy from a viewpoint of a vast wealth of new information made available by the successful application of X-ray crystal structure analysis to crystalline minerals. It will be of interest to chemists and physicists as well as mineralogists.

Science News Letter, June 19, 1937

Astronomy

A BEGINNER'S STAR-BOOK: AN EASY GUIDE TO THE STARS AND TO THE ASTRONOMICAL USES OF THE OPERA-GLASS, THE FIELD-GLASS AND THE TELESCOPE (4th ed. rev.)—Kelvin McKreedy—*Putnam*, 154 p., illus., \$3.50.

Science News Letter, June 19, 1937

Philosophy

COOPERATION, ITS ESSENCE AND BACKGROUND—Fletcher Durell—*Bruce Humphries*, 76 p., \$1. A mathematician here outlines what he terms a science of cooperation.

Science News Letter, June 19, 1937

Psychology

THE SOURCE OF CIVILIZATION—Gerald Heard—*Harper's*, 431 p., \$3.50. The section heading, "All at stake and just time," appears to express the attitude of the author toward what he considers civilization's crisis. He believes that "traditional religion, academic psychology and psychical research are none sufficient" but recommends "a psychological praxis."

Science News Letter, June 19, 1937

Sociology

CASTE AND CLASS IN A SOUTHERN TOWN—John Dollard—*Yale Univ.*, 502 p., \$3.50. This publication of Yale University's Institute of Human Relations presents a dramatic picture of "Southern-town," which fictitious name is applied to a small town of about 2,500 people selected for this research as typical of Southern life. Because of their close interaction, both sides of the caste-dividing line, the railroad track, are included in the study.

Science News Letter, June 19, 1937

Psychology

DIFFERENTIAL PSYCHOLOGY: INDIVIDUAL AND GROUP DIFFERENCES IN BEHAVIOR—Anne Anastasi—*Macmillan*, 615 p., \$2.75. Interesting and novel is the ap-

proach of this college textbook beginning with a historical introduction showing the rise of interest in individual differences. The author goes on to discuss differences due to heredity and environment, to training, to constitutional types, and to individual defects. Group differences, sex differences, racial differences and differences between urban and rural populations are also discussed.

Science News Letter, June 19, 1937

Vocational Guidance

FINDING YOURSELF IN YOUR WORK: A GUIDE FOR CAREER AND PERSONALITY—Harry Walker Hepner—*Appleton-Century*, 297 p., \$2.75. Check lists on which you can score your mental and vocational assets, mental tests for self administration, and vocational interest blanks that you may fill out, combine to make this volume intensely interesting to anyone attempting to plan a career. Attractive drawings add to its entertainment.

Science News Letter, June 19, 1937

Psychology

LATER CRIMINAL CAREERS—Sheldon and Eleanor Glueck—*Commonwealth Fund*, 403 p., \$3. This book is a sequel to the authors' "500 Criminal Careers." A re-study of these 500 former inmates of the Massachusetts Reformatory seems to point to a two-fold division among delinquents. Some are drawn into crime through the accident of environment; others appear to be tainted by mental or emotional disease. For the accidental criminal the authors hold out much hope. What can be done for the defective remains to be discovered.

Science News Letter, June 19, 1937

Chronology

THE WORLD CALENDAR: ADDRESSES AND OCCASIONAL PAPERS CHRONOLOGICALLY ARRANGED ON THE PROGRESS OF CALENDAR REFORM SINCE 1930—Elisabeth Achelis—*Putnam*, 189 p., \$2. The calendar reform advocated in this book is the twelve-month, equal-quarter plan, with mid-year and year-end days to absorb the two days "left over."

Science News Letter, June 19, 1937

Engineering—Photography

THE LOCOMOTIVE (ITS ESTHETICS)—Raymond Loewy—*Studio*, 125 plates, \$2.50. If locomotives hold a fascination for you, you will like this book crammed with photographs of many modern types as they run over the tracks of many nations.

Science News Letter, June 19, 1937

Mathematics

ELECTRICITY AND MAGNETISM: AN INTRODUCTION TO THE MATHEMATICAL THEORY—A. S. Ramsey—*Cambridge (Macmillan)*, 267 p., \$3.25. A textbook for first and second year university students, covering the fundamental principles of electrostatics, Gauss' theorem, Laplace's equation, systems of conductors, homogeneous dielectrics and the theory of images, steady currents in wires, elementary theory of the magnetic fields, and the elementary facts about the magnetic fields of steady currents.

Science News Letter, June 19, 1937

Education

EARLY CHILDHOOD EDUCATION, ITS PRINCIPLES AND PRACTICES—Ruby Minor—*Appleton-Century*, 763 p., \$3. The Director of Kindergartens and Elementary Education of the public schools in Berkeley, Calif., offers this textbook to student teachers. The author is not an advocate of the newer freedom, nor is she an ultra-conservative, but emphasizes the importance of the kindergarten-primary school as a place where children may be undisturbed in natural growth but where they may also receive education.

Science News Letter, June 19, 1937

Educational Sociology

THE SOCIAL FUNCTIONS OF EDUCATION—Robert M. Bear—*Macmillan*, 434 p., \$2.25. This textbook in educational sociology is written by the Assistant Professor of Psychology at Dartmouth College. Education in its broader sense, not merely as confined to the schools, but including such matters as recreation, religion, and even propaganda, is discussed.

Science News Letter, June 19, 1937

Autobiography—Surgery

LIFE AND DEATH: THE AUTOBIOGRAPHY OF A SURGEON—Andrea Majocchi—*Knight*, 300 p., \$2.75. The eminent Italian surgeon who is the author of this book has filled it with colorful and dramatic episodes which together with a lively style make highly entertaining reading.

Science News Letter, June 19, 1937

Ophthalmology

GLAUCOMA AND ITS MEDICAL TREATMENT WITH CORTIN; MYOPIA, ITS CAUSE AND PREVENTION—Emanuel M. Josephson—*Chedney Press*, 92 p., \$3. A technical book for ophthalmologists and physicians.

Science News Letter, June 19, 1937