

• First Glances at New Books

Additional Reviews

On Page 372

Psychiatry

PSYCHIATRY, JOURNAL OF THE BIOLOGY AND THE PATHOLOGY OF INTERPERSONAL RELATIONS, Vol. 1, No. 1, February, 1938—*William Alanson White Psychiatric Foundation*, Quarterly, \$6. per year; \$6.60, foreign. A new journal devoted to the social aspects of psychiatry and dedicated to the memory of Dr. William Alanson White, a pioneer in this field. The surprising use of a bright yellow paper has psychological, but no psychiatric significance; it is based on spectrophotometric tests. The type, the ink, the length and spacing of lines were similarly chosen for maximum readability.

*Science News Letter, June 4, 1938***Physiology**

LA DUREÉ EXTREME DE LA VIE HUMAINE—E. J. Gumbel—*Hermann et Cie, Paris*, 65 p., 18 fr.

*Science News Letter, June 4, 1938***Physics**

SPECTROGRAPHIE DE MASSE: LES ISOTOPES ET LEURS MASSES—Louis Cartan—*Hermann et Cie, Paris*, 91 p., 20 fr.

*Science News Letter, June 4, 1938***Biology**

DE CERTAINES RÉGULARITÉS DES CHANGEMENTS DE LA "MATIÈRE VIVANTE" SOUS L'INFLUENCE DES FACTEURS EXTERNES, PRINCIPALEMENT DES RAYONS X ET DU RADIUM—G. A. Nadson—*Hermann et Cie, Paris*, 26 p., illus., 12 fr.

*Science News Letter, June 4, 1938***Physics**

CONTRIBUTION A L'ÉTUDE DES RÉGIONS IONISÉES DE LA HAUTE ATMOSPHERE—R. Rivault—*Hermann et Cie, Paris*, 91 p., 20 fr.

*Science News Letter, June 4, 1938***Home Economics**

MODERN BOOK OF HOME CANNING—M. G. Kains—*Greenberg*, 184 p., \$2.

*Science News Letter, June 4, 1938***Documentation**

VALID OR FORGED? QUICK AID TO DECISION ON QUESTIONED WRITING—Lloyd L. Jones—*Funk & Wagnalls*, 168 p., illus., \$2. A book suited for reading by the layman; not a technical volume for the specialist in the field.

*Science News Letter, June 4, 1938***Biology—Philosophy**

BIOLOGY AND MARXISM—Marcel Prenant—*International Pubs.*, 223 p., \$2.50. This book will doubtless have its enthusiastic readers among those already committed to the Marxist dogma. But biologists generally will be as suspicious

of an effort to make their science the tail to the Marxist kite as they are of similar efforts to subjugate it to religious fundamentalism.

*Science News Letter, June 4, 1938***Psychology**

THE ADOLESCENT—Ada Hart Arlitt—*Whittlesey*, 242 p., \$2. A book for parents by an outstanding student of this interesting period in human development.

*Science News Letter, June 4, 1938***Engineering**

PUBLIC WORKS ENGINEERS' YEARBOOK, 1938—*American Public Works Assn.*, 480 p., \$3.50. A comprehensive review of significant developments in 1937 in the public works field. Indexed.

*Science News Letter, June 4, 1938***Anthropology**

FIRST PENTHOUSE DWELLERS OF AMERICA—Ruth M. Underhill—*Augustin*, 155 p., \$2.75. How Indian life varies, from pueblo to pueblo, in the Southwest is shown vividly in this descriptive tour of the penthouse villages. The writing style is pictorial and pleasantly literary, and the photographs by Lilian Reichard are excellent.

*Science News Letter, June 4, 1938***Mathematics**

TRIGONOMETRY (Rev. ed.)—A. R. Crathorne and E. B. Lytle—*Holt*, 191 p., 111 p., \$2. with tables, \$1.70 without tables. A high school or college freshman text book.

*Science News Letter, June 4, 1938***Psychology**

FUNDAMENTALS OF EDUCATIONAL PSYCHOLOGY—O. B. Douglas and B. F. Holland—*Macmillan*, 598 p., \$2.50. A college textbook from the University of Texas.

*Science News Letter, June 4, 1938***Psychology**

PSYCHOLOGICAL OPTICS—Vernon W. Grant—*Professional Press*, 240 p., \$4.

*Science News Letter, June 4, 1938***Psychiatry**

MENTAL HEALTH THROUGH EDUCATION—W. Carson Ryan—*Commonwealth*, 315 p., \$1.50. This report contains a wealth of information obtained in a year of visiting schools and clinics of various kinds throughout the United States. The chapter on "Next Steps" should be of interest to all educators and persons supporting schools or influencing educational trends.

*Science News Letter, June 4, 1938***Sociology**

THE STORY OF SOCIAL PHILOSOPHY—Charles A. Ellwood—*Prentice-Hall*, 581 p., \$3.50. Principal thinkers on social questions, from Plato to Lester Ward, are taken up one by one. For each there is a brief biographical sketch, a condensed statement of his social doctrine, and a critique. The book should be useful to both the general reader and the student of sociology.

*Science News Letter, June 4, 1938***Psychology**

PRIMARY MENTAL ABILITIES—L. L. Thurstone—*Univ. of Chicago Press*, 121 p., \$2. Psychometric Monographs, No. 1. This monograph is termed by Dr. Thurstone "The first major application of the theory of factor analysis that was described in 'The Vectors of Mind'"—a statistical approach to the study of personality.

*Science News Letter, June 4, 1938***Psychology**

EMOTION AND THE EDUCATIVE PROCESS—Daniel Alfred Prescott—*American Council on Education*, 323 p., \$1.50. This is the report of a committee on the relation of emotion to the educative process and is the outcome of an exploratory study involving about four years of research.

*Science News Letter, June 4, 1938***Mathematics**

EXCURSION IN MATHEMATICS—Ernst R. Breslich—*Orthovis*, 47 p., illus., \$1.50. A novel and interesting little book which acquaints school children with some of the basic concepts of geometry. Three-dimensional photographs enable the students to visualize the various basic forms of geometry which may not have reality when illustrated with the common two-dimensional diagrams of conventional books.

*Science News Letter, June 4, 1938***Psychology—Biography**

MY VOCATION, BY EMINENT AMERICANS; OR WHAT EMINENT AMERICANS THINK OF THEIR CALLINGS—Earl G. Lockhart, comp.—*Wilson*, 334 p., illus., \$2. In this book you can learn what Byrd thinks of aviation, what Dr. Fosdick thinks of the ministry, what Gregg thinks of stenography, what William Allen White thinks of journalism, what John Dewey thinks of teaching, and how a number of other leaders regard their life's work.

Science News Letter, June 4, 1938

• First Glances at New Books

Additional Reviews
On Page 371

Psychology

BABY'S POINT OF VIEW—E. Joyce Partridge—*Oxford*, 94 p., \$1. Parents, equally with educators, will find interest in this small book devoted to big emotional needs of very small humans. Dr. Partridge, a British writer formerly psychotherapist at Tavistock Clinic, believes that "Neuroses and personality difficulties of every kind originate, in the main, whilst the sufferer is quite a tiny baby."

Science News Letter, June 4, 1938

Mathematics

ESSENTIALS OF ENGINEERING MATHEMATICS—J. P. Ballantine—*Prentice-Hall*, 502 p., tables, 76 p., \$3.75. The author gives the objective of the volumes as "To introduce the Calculus in a rigorous, practical form."

Science News Letter, June 4, 1938

Psychology

THE PSYCHOLOGY OF SPEECH—Jon Eisenon—*F. S. Crofts*, 280 p., \$2.25. This text emanating from Brooklyn College contains, in addition to sections on the origin and development of speech and speech disorders, a section on the psychology of the audience.

Science News Letter, June 4, 1938

Ornithology

THE BIRDS OF EL SALVADOR—Donald R. Dickey and A. J. Van Rossem—*Field Museum of Natural History*, 609 p., plates, \$4.50. A thoroughgoing monograph of the avifauna of a restricted but highly interesting Neotropical area.

Science News Letter, June 4, 1938

Physics

A TEXT-BOOK ON CRYSTAL PHYSICS—W. A. Wooster—*Cambridge (Macmillan)*, 295 p., \$4. Until the last century almost the only use man made of crystals was in jewelry. The science of crystals, therefore, contains a great deal of information about the optics of crystals but very little else. This British text gives a very clear exposition of the much broader physical concepts relating to crystals.

Science News Letter, June 4, 1938

Radio

TELEVISION: A STRUGGLE FOR POWER—Frank C. Waldrop and Joseph Borkin—*Morrow*, 299 p., \$2.75. This book is written by a Washington political writer and a communications analyst, until recently an economist with the Federal Communications Commission. It discusses television technology with sufficient detail to provide background for

the authors' primary theme: that there is a strenuous behind-the-scenes struggle for control of the future giant of the communications industry. The introduction is written by George Henry Payne, one of the liberal members of the F.C.C.

Science News Letter, June 4, 1938

Botany—Medicine

HAYFEVER PLANTS OF THE MIDDLE WEST—Norman C. Fassett, Lester McGary and Laura F. Bates—*John S. Swift Co.; Obtainable from L. F. Bates*, 925 Mound Street, Madison, Wis., 52 p., illus., diagrams, \$1. Brief botanical descriptions, with identification sketches and distribution maps, of several scores of trees and herbs whose pollen causes hayfever. The territory covered comprises the states of Minnesota, Iowa, Missouri, Illinois, and Indiana.

Science News Letter, June 4, 1938

Education

A TECHNIQUE FOR APPRAISING CERTAIN OBSERVABLE BEHAVIOR OF CHILDREN IN SCIENCE IN ELEMENTARY SCHOOLS—Joe Young West—*Teachers College, Columbia Univ.*, 118 p., \$1.60. The modern tendency away from setting arbitrary values on student achievement and toward the use of meaningful descriptions of the pupil's progress is the inspiration for this research study.

Science News Letter, June 4, 1938

Economics—Botany

PROCEEDINGS OF THE ASSOCIATION OF OFFICIAL SEED ANALYSTS OF NORTH AMERICA, 1930, 1931, 1932, 1933—*Publ. by the Association*, 298 p., \$3. Orders should be addressed to W. A. Davidson, Secretary-Treasurer, Division of Seed Investigation, U. S. Dept. of Agriculture, Washington, D. C.

Science News Letter, June 4, 1938

Biology

ANIMAL BIOLOGY (2d ed.)—Lorande Loss Woodruff—*Macmillan*, 535 p., illus., \$3.75.

Science News Letter, June 4, 1938

Horticulture

PLANNING AND PLANTING YOUR OWN PLACE—Louis Van de Boe—*Macmillan*, 290 p., illus., \$4.50. One of the joys of owning a home is the building around it of a suitable living frame. This book tells, in considerable practical detail, how to go about laying out the grounds of small and medium-sized places, what to plant, and when and how to do the planting.

Science News Letter, June 4, 1938

Psychology

RECENT EXPERIMENTS IN PSYCHOLOGY—Leland W. Crafts, Theodore C. Schneirla, Elsa E. Robinson, Ralph W. Gilbert—*McGraw-Hill*, 417 p., \$2.25. Modern trends in psychological research are reflected in the varied material included in this survey of experimental work. Some interesting chapter headings are "The Origin of the Cat's Responses to Rats and Mice," "Migration and the 'Instinct' Problems," "Facial Expression in Emotion," "Forgetting During Sleep and Waking," "A Psychological Study of 'Lightning Calculations.'" There are many others.

Science News Letter, June 4, 1938

Psychology

PLAY AND MENTAL HEALTH—John Eisele Davis—*Barnes*, 202 p., \$2.50. Recreation, as well as occupation, has its place in the treatment of the mentally ill and building up mental health in the normal child. The author here proposes play as effective means for promoting mental hygiene in schools.

Science News Letter, June 4, 1938

Chemistry

QUALITATIVE CHEMICAL ANALYSIS (Rev. ed.)—Louis J. Curtman—*Macmillan*, 514 p., \$3.75. In the seven years since the appearance of the first edition of this excellent book there have been many advances in techniques. Prof. Curtman herewith brings the volume up to date while keeping the essential qualities of the prior edition. One section of the new material deals with semi-micro methods.

Science News Letter, June 4, 1938

Psychology

AN INTRODUCTION TO THE FIELDS OF PSYCHOLOGY—Emily S. Dexter and Katharine T. Omwake—*Prentice-Hall*, 236 p., \$1.75. A textbook from Agnes Scott College surveying the place of psychology in such varied fields as medicine, advertising, law, and even animal training.

Science News Letter, June 4, 1938

Psychology

IN THE NAME OF COMMON SENSE—Matthew N. Chappell—*Macmillan*, 192 p., \$1.75. If "Love makes the world go round," worry may be blamed for much friction in its rotation. In this volume a Columbia University psychologist makes some interesting suggestions for control of worry.

Science News Letter, June 4, 1938