

•First Glances at New Books

Additional Reviews
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NUTRITION

WHAT ARE THE VITAMINS?—Walter H. Eddy—*Reinhold*, 247 p., \$2.50. Although somewhat technical for lay reading, this book may find an appreciative audience among those who are sufficiently impressed with the importance of the vitamins to want more information than generally appears in popular books on the subject.

Science News Letter, August 2, 1941

PUBLIC HEALTH

SWIMMING POOLS AND OTHER PUBLIC BATHING PLACES—Reprinted by permission from 1937-1938 Year Book of the American Public Health Association—*American Public Health Association; Printed by Wallace & Tiernan Co.*, 46 p., 25c. Health authorities as well as individuals or groups operating swimming pools and the like will find this a useful guide to measures that will maintain the health and safety of swimmers and bathers.

Science News Letter, August 2, 1941

ZOOLOGY

PRINCIPLES OF ANIMAL BIOLOGY (5th ed.)—A. Franklin Shull, George R. LaRue and Alexander G. Ruthven—*McGraw-Hill*, 417 p., illus., \$3.50. Shull's textbook is, by now, a wine that needs no bush, so far as teachers of college biology are concerned.

Science News Letter, August 2, 1941

EDUCATION

EDUCATION ON AN INTERNATIONAL SCALE, A History of The International Education Board, 1923-1938—George W. Gray—*Harcourt, Brace*, 114 p., illus., \$2. The final pages of this history were written when half the world was already at war and many of the lands mentioned forced into the protective custody of alien dictators. In "the dream" here described may lie the hope for future international tolerance, cooperation and fellowship after the present conflict is over.

Science News Letter, August 2, 1941

GENERAL SCIENCE

THE MARVELS AND MYSTERIES OF SCIENCE—Clyde Fisher, John H. Gerould, James P. Poole, John A. Timm, Terence T. Quirke and Clark Wissler—*Wm. H. Wise & Co.*, 818 p., illus., \$2.95. Astronomy, geology, physics, chemistry, biology and anthropology are outlined popularly in the various sections of this

book, in such a way as to make it useful for general reference, as well as for informative reading. However, the title page, with the above scientists listed as authors, and the jacket blurb, which calls it a "brand-new work," are misleading. Dr. Wissler's chapters on anthropology are new, the others were originally written by Ellison Hawks, for a similar English publication, and the five "authors" were editors, who removed British references, and adapted the book to American use. It is copiously illustrated, though some of the reproductions, especially in the astronomy section, are quite poor, and one is actually inverted!

Science News Letter, August 2, 1941

MEDICINE

THE COMPENSATION OF WAR VICTIMS, Medical Aid, Compensation and War Pensions—*International Labour Office*, 91 p., 50c. This publication covering general principles of compensation of war victims and giving a survey of measures in force during the early months of 1940 in France, Germany, Great Britain and Italy will interest many readers in America just now.

Science News Letter, August 2, 1941

BIOLOGY—MEDICINE

BIOLOGICAL ASPECTS OF INFECTIOUS DISEASE—F. M. Burnet—*Cambridge (Macmillan)*, 310 p., \$3.75. Although written primarily for biological and medical scientists, the thoughtful lay reader will enjoy this book which shows how infectious disease "falls into the scheme of things and how it may be controlled to human benefit."

Science News Letter, August 2, 1941

HYGIENE

LIFE AND GROWTH—Alice V. Keliher—*Appleton-Century*, 245 p., \$1.50. This splendid book is intended to help adolescents understand their own and other people's physical, psychological and emotional selves. It is written simply and clearly but in a style that will not seem either babyish or like a textbook to the almost grown-up young people for whom it is intended.

Science News Letter, August 2, 1941

EDUCATION

STATE SUPERVISORY PROGRAMS FOR THE EDUCATION OF EXCEPTIONAL CHILDREN—Elise H. Martens—*Govt. Print. Off.*, 92 p., 25c.

Science News Letter, August 2, 1941

PHILOSOPHY

THE PHILOSOPHER IN CHAOS, An Attempt to Make Head and Tail of the Modern World—Baker Brownell—*Van Nostrand*, 253 p., \$2.50. Provocative reading ranging the whole field of human experience as seen through the mind which produced "The New Universe" in 1926. The general outcome of the book is a philosophy of decentralization: cultural, economic, artistic and moral decentralization through the agency of modern technological development.

Science News Letter, August 2, 1941

MEDICINE

ELIMINATION DIETS AND THE PATIENT'S ALLERGIES, A Handbook of Allergy—Albert H. Rowe—*Lea & Febiger*, 264 p., \$3. A handbook for physicians, giving information on allergies in general, reasons and directions for using elimination diets in diagnosing food allergies, recipes, menus, and a list of ingredients in various commercial foods. See also page 72.

Science News Letter, August 2, 1941

PSYCHOLOGY—ZOOLOGY

A FIELD STUDY IN SIAM OF THE BEHAVIOR AND SOCIAL RELATIONS OF THE GIBBON (Hylobates Lar)—C. R. Carpenter—*Johns Hopkins Press*, 212 p., illus., \$2. An intimate study of probably the least known of the anthropoids, free and in the wild, by a psychologist of Columbia University, College of Physicians and Surgeons and Pennsylvania State College.

Science News Letter, August 2, 1941

MINERALOGY

DANA'S MANUAL OF MINERALOGY (15th ed.)—Cornelius S. Hurlbut, Jr., rev.—*Wiley*, 480 p., illus., \$4. In preparing this new edition of Dana's classic, now in its tenth decade, the editor made a thorough-going revision, its fifth since original publication and the first since 1912. Particular attention has been given to bringing classification up to date.

Science News Letter, August 2, 1941

VETERINARY MEDICINE

ANIMAL PATHOLOGY (2d ed.)—Russell A. Runnells—*Iowa State College Press*, 590 p., illus., \$6. A complete and practical textbook goes into its second edition. This book will not only serve students well in classroom and laboratory, but will go with many of them as a convenient reference work in veterinary practice.

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PSYCHOLOGY—SOCIOLOGY

SOCIAL PSYCHOLOGY OF MODERN LIFE—Steuart Henderson Britt—*Farrar & Rinehart*, 562 p., \$3.75. This readable book belongs on the library table of interested laymen as well as on the desks of sociology and psychology students. A wealth of illustrations from current happenings, fads, fashions, social organizations and newspaper reports add to the interest and ease of understanding.

Science News Letter, August 2, 1941

LANGUAGE

ADVENTURES IN LANGUAGE—Rollin Harvelle Tanner, Lillian B. Lawler and Mary L. Riley—*Prentice-Hall*, 371 p., illus., \$1.60. Many a student in process of acquiring languages never sees the woods for the trees. This unusual and attractive study or reading book tells how man learned to talk and write, and how languages developed—with chapters on a number of countries. An attractive feature is the use of about 30 "word stories" in which origins of familiar words are recounted.

Science News Letter, August 2, 1941

AERONAUTICS

SIMPLIFIED THEORY OF FLIGHT—Thomas C. Gillmer and H. Erich Nietsch—*Van Nostrand*, 162 p., illus., \$2. Though an aviator might be able to fly without knowing the theoretical principles which keep him aloft, a full knowledge of those principles may help in a tight spot. This excellent book, illustrated with many illuminating diagrams, tells the story in a simple manner without the complex mathematics involved in a more detailed discussion. Only essential laws of physics are included.

Science News Letter, August 2, 1941

DENDROLOGY

TEXTBOOK OF DENDROLOGY, Covering the Important Forest Trees of the United States and Canada (2d ed.)—William M. Harlow and Ellwood S. Harrar—*McGraw-Hill*, 542 p., illus., \$4.50. A new edition of an important and successful text in the systematic botany of trees.

Science News Letter, August 2, 1941

RADIO

ACOUSTIC MODELS OF RADIO ANTENNAS—Edward C. Jordan—*Engineering Experiment Station, Ohio State University, Columbus*, 58 p., 60c. (Bulletin No. 108) Taking advantage of the well-known analogy between electromagnetic phe-

nomena and fluid motion, Dr. Jordan and his associates have worked out a technique for studying transmission characteristics of antennae with models broadcasting sound waves of 600 cycles instead of radio waves. This pamphlet describes the methods and their analysis.

Science News Letter, August 2, 1941

MATHEMATICS

ELEMENTARY CALCULUS—Volney H. Wells—*Van Nostrand*, 410 p., \$3.25. This new text is intended, the author explains, to be suitable for an introductory course both in academic colleges and engineering schools. He has made an effort to interest the student regardless of his reason for electing the subject.

Science News Letter, August 2, 1941

BOTANY

THE PLANT WORLD, A Text in College Botany—Harry J. Fuller—*Holt*, 592 p., illus., \$3.25. A text for a college course in general botany, intended primarily for use of students taking the subject as a cultural course rather than as a prerequisite for advanced, professional study.

Science News Letter, August 2, 1941

BIOLOGY

FOUNDATIONS OF BIOLOGY (6th ed.)—Lorande Loss Woodruff—*Macmillan*, 773 p., illus., \$3.75. Prof. Woodruff has made a thorough revision of his text, before presenting it in yet another edition. There is a new chapter on human origins.

Science News Letter, August 2, 1941

EMBRYOLOGY

FUNDAMENTALS OF COMPARATIVE EMBRYOLOGY OF THE VERTEBRATES—Alfred F. Huettner—*Macmillan*, 416 p., illus., \$4.50. A new textbook for use in advanced college classes. Illustrations, always important in a work on embryology, are here really exceptional.

Science News Letter, August 2, 1941

BIOLOGY

TEXT-BOOK OF COMPARATIVE HISTOLOGY—Elbert C. Cole—*Blakiston*, 396 p., illus., \$4. Intended for upperclassmen or research students. Careful comparisons are made, in text and illustrations, of analogous tissue structures of both vertebrates and invertebrates. The concluding chapters, on laboratory procedure and methods, will undoubtedly prove most useful.

Science News Letter, August 2, 1941

MATHEMATICS

BASIC GEOMETRY—George David Birkhoff and Ralph Beatley—*Scott, Foresman*, 294 p., illus., \$1.32. As generally taught, probably geometry is, of all school subjects, the least obviously related to the student's daily life. This, however, cannot be said of a course taught with this new and inspiring text. It is not, however, made painless by eliminating important topics, as Dr. Birkhoff's eminence in the field of mathematics would assure.

Science News Letter, August 2, 1941

CONSERVATION

CONSERVATION OF RENEWABLE NATURAL RESOURCES, Some Fundamental Aspects of the Problem—Raphael Zon and others—*Univ. of Penn. Press*, 200 p., \$2.50. An even dozen chapters on important phases of the conservation problem, by leading workers in the field today. They originated as papers in a symposium held in connection with the University of Pennsylvania Bicentennial Conference.

Science News Letter, August 2, 1941

MEDICINE

SEX VARIANTS, A Study of Homosexual Patterns, 2 vols.—George W. Henry—*Hoerber*, 1179 p., illus., \$12.50. Intended primarily for physicians, psychiatrists and others whose work or interest in social welfare calls for knowledge of the subject. The author states in his introduction that he believes the greatest gain from the study will be its contribution to mental hygiene, specifically through giving better knowledge of the factors in sexual maladjustment. A volume for general reading on the subject is in preparation.

Science News Letter, August 2, 1941

PHYSIOLOGY

SEX RESPONSIVENESS, MATING AND REPRODUCTION—Anita D. Laton and Edna W. Bailey—*Teachers College, Columbia Univ.*, 118 p., \$1.35 cloth; 75c paper. This monograph is designed to help teachers in elementary and secondary schools and colleges who may be called on to give instruction in this field or to help students with their problems.

Science News Letter, August 2, 1941

ZOOLOGY

INTRODUCTION TO GENERAL ZOOLOGY—Nathan Fasten—*Ginn*, 741 p., illus., \$3.75. A new, well planned text for college use, by the head of the department of zoology at Oregon State College.

Science News Letter, August 2, 1941