

• First Glances at New Books

Additional Reviews
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Medicine

SYPHILIS, GONORRHEA AND THE PUBLIC HEALTH—Nels A. Nelson and Gladys L. Crain—*Macmillan*, 359 p., \$3. This book, written by two members of the Massachusetts Department of Public Health, is different from the many others on the same subject that have appeared recently. The facts about causes, spread and treatment are given, but nearly half the book is devoted to the problem of control of these diseases, the importance of gonorrhea is emphasized more than usual in this type of book, and considerable space is given to discussing the relation of venereal disease control to social hygiene. It is more technical but carries more straight-from-the-shoulder punch than most books on the same subject written for laymen and it is by no means too elementary for profitable reading by the professional groups.

Science News Letter, August 13, 1938

Medicine

REPORT OF THE HOSPITAL SURVEY FOR NEW YORK (Vol. III)—Prepared by Arthur W. Jones and Francisca K. Thomas—*United Hospital Fund*, 571 p., \$2. Investment, costs and income of institutions concerned with the care of the sick in the New York Metropolitan Area, showing that there are 814 agencies under 587 independent controls with a gross investment of \$714,845,000 (\$49.91 per capita) and annual expenditure of \$109,244,000 (\$10.17 per capita). Future needs through 1960 are estimated.

Science News Letter, August 13, 1938

Medicine—Autobiography

THE LIFE OF CHEVALIER JACKSON: AN AUTOBIOGRAPHY—*Macmillan*, 229 p., plates, \$3.50. Entertaining and historically useful facts about the Philadelphia surgeon whose name is almost synonymous with the art and science of bronchoscopy and esophagoscopy. More frequently this sort of record should be made.

Science News Letter, August 13, 1938

Architecture

BUNGALOWS: SEVENTY-THREE SMALL HOMES, BUNGALOWS AND STORY AND A HALF HOMES, PREPARED BY A NATIONAL ASSOCIATION OF ARCHITECTS, 80 p., illus., 50 c.; **TWO STORY HOMES: SEVENTY-THREE SMALL HOMES PREPARED BY A NATIONAL ASSOCIATION OF ARCHITECTS**—80 p., illus., 50c.—*The Architects' Small House Service Bur.* Each of these booklets contains a collection of 73 designs of houses ranging from three to six rooms.

An exterior view; floor plans and description of each is given; the prospective home-builder is advised to employ his local architect to carry out details.

Science News Letter, August 13, 1938

General Science

YOU'RE WRONG ABOUT THAT—An Encyclopedia of Fallacies—Bruce McCann—*Rodale Press*, 119 p., \$1. The book consists of several hundred popular beliefs or superstitions, arranged in alphabetical order, and debunked in a few terse sentences. The result is rather surprising because of the juxtaposition of unrelated items: split infinitives and insanity coming next to each other, for example, but the book seems accurate and may be useful.

Science News Letter, August 13, 1938

Economics

ACCIDENT AND HEALTH INSURANCE FROM THE VICTIM'S POINT OF VIEW—Bion H. Francis and Sumner Harwood—*Amer. Inst. for Economic Research.*, 64 p., \$1. This seems to be an extremely helpful book which explains quite simply various features of health and accident insurance and points out advantages and disadvantages of the various types that are available.

Science News Letter, August 13, 1938

Economics

HEALTH INSURANCE, THE NEXT STEP IN SOCIAL SECURITY—Louis S. Reed—*Harper*, 281 p., \$3. The author states the case for health insurance and against the present system of medical practice.

Science News Letter, August 13, 1938

Physiology

PRINCIPLES OF HEALTHFUL LIVING—Edgar F. Van Buskirk—*Cordon Co.*, 386 p., \$2.25. This is a book on hygiene for college students. The aim is not only to teach the student some of the facts of human physiology but to make him realize how he can use his knowledge of these facts to protect his health both in college and afterwards.

Science News Letter, August 13, 1938

Physiology

MALNUTRITION: THE MEDICAL OCTOPUS—John Preston Sutherland—*Meador*, 368 p., \$3. The author is one of those who believes granulated sugar, white flour and meat should be banned from the human diet. His views are not in accordance with those held by the medical profession generally and by students of nutrition and physiology.

Science News Letter, August 13, 1938

General Science

AN ORIENTATION IN SCIENCE—Ten members of the University of Rochester faculty; C. W. Watkeys, ed.—*McGraw-Hill*, 560 p., illus., \$3.50. A little encyclopedia or compendium, up to the minute, covering astronomy, geology, chemistry, physics, biology, paleontology, physiology, bacteriology, psychology, mathematics, and scientific method. Although designed as a text, it will find its way to many reference shelves.

Science News Letter, August 13, 1938

Physiology

THE LIVING BODY: A TEXT IN HUMAN PHYSIOLOGY—Charles Herbert Best and Norman Burke Taylor—*Holt*, 563 p., illus., \$3.60. Designed for colleges and nursing schools and possibly for instruction of dental and agricultural students.

Science News Letter, August 13, 1938

Chemistry

INTRODUCTORY GENERAL CHEMISTRY (Rev. ed.)—S. R. Brinkley—*Macmillan*, 731 p., \$3.50. Revision of a comprehensive text prepared by Yale University's associate professor of chemistry for use in a beginner's course. The theoretical principles are not developed as an end in themselves but are presented in their relation to the interpretation of chemistry.

Science News Letter, August 13, 1938

Physics

NEGATIVE IONS—H. S. W. Massey—*Cambridge (Macmillan)*, 105 p., \$1.75. For specialists in the field of electrolysis is this monograph by the well-known Belfast mathematical physicist.

Science News Letter, August 13, 1938

Physics

INTRODUCTION TO COLLEGE PHYSICS (2d ed.)—Clinton Maury Kilby—*Van Nostrand*, 398 p., \$3.25. A compact college textbook designed for college physics course carrying only two or three hours credit. Such courses usually use either an advanced high school text or a large complete college text with numerous omissions. Prof. Kilby's book is designed to give a better approach to a concise course in a book written from the college point of view.

Science News Letter, August 13, 1938

Sociology

SOCIAL LIFE AND PERSONALITY—Emory S. Bogardus and Robert H. Lewis—*Silver, Burdett*, 581 p., \$1.80. See page 106.

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Physiology

MIDDLE AGE IS WHAT YOU MAKE IT—Boris Sokoloff—*Greystone Press*, 204 p., \$1.75. The author believes that if beginning at the thirtieth birthday, men and women would work out in consultation with their physicians a system of living suited to the individual needs of each, middle age could be made much healthier and younger than it often is now. In this book he explains why he thinks so, gives some facts about health conditions in middle age, and points out dangers he thinks need specially to be guarded against.

Science News Letter, August 13, 1938

Mathematics

COSMOLOGICAL THEORY—G. C. McVittie—*Chemical Pub. Co. of N. Y.*, 103 p., \$1.25. London University's Doctor McVittie reviews the various theories and mathematics relating to the structure of the universe. Delving deep into the highly technical mathematics of such problems, this book will delight the expert in the field and probably be over the heads of those seeking a popularly written account of how the universe came to be as it is.

Science News Letter, August 13, 1938

Metallurgy

THE STRUCTURE OF STEEL SIMPLY EXPLAINED—Eric N. Simons and Edwin Gregory—*Prentice-Hall*, 116 p., illus., \$2. A book written for engineers and all other persons who are engaged in industries which necessitate the use of steel. It is written for the intelligent layman who may be trained in a specific field of science but who is lacking in the intimate knowledge of steel field production, its structure, and its best uses.

Science News Letter, August 13, 1938

Geography

THE SCENIC RESOURCES OF THE TENNESSEE VALLEY: A DESCRIPTIVE AND PICTORIAL INVENTORY—Tennessee Valley Authority—*Govt. Print. Off.*, 222 p., illus., \$1. A summary of the scenic beauties of the Tennessee Valley illustrated with many maps and photographs.

Science News Letter, August 13, 1938

Archaeology

AN ARCHAEOLOGICAL SURVEY OF THE NORRIS BASIN IN EASTERN TENNESSEE—William S. Webb—*Govt. Print. Off.*, 398 p., illus., \$1. Before the waters of Norris Dam were permitted to fill the lake, the 23 known archaeological sites, comprising caves, mounds, and rock shelters,

were thoroughly explored by scientists working under the auspices of the Bureau of American Ethnology, Smithsonian Institution of Washington, employing CWA and FERA labor, with cooperation from the National Research Council, the Universities of Tennessee, Kentucky, and Michigan, and other organizations. Results of these investigations are now available in this new publication.

Science News Letter, August 13, 1938

Engineering

ENGINEERING TERMINOLOGY—Victor J. Brown and Delmar G. Runner—*Gillette*, 310 p., \$3.50. A glossary of terms in common usage in engineering practices. The words are arranged alphabetically and each has a brief and concise definition or illustration of its use.

Science News Letter, August 13, 1938

Mineralogy

QUARTZ FAMILY MINERALS—H. C. Dake, Frank L. Fleener and Ben Hur Wilson—*Whittlesey House*, 304 p., illus., \$2.50. Among the growing hobbies of the layman is that of collecting minerals. This book should be a bible for all such persons.

Science News Letter, August 13, 1938

Geology

GEOLOGIC MAP OF CALIFORNIA—*Calif. Div. of Mines*, 6 sheets, \$4. Seven-foot-square map of great completeness, made with ten color plates, showing culture, streams, roads and some 80 geological units, with smaller maps showing submarine contours, source data, mineral locations, rainfall, glacial features, and an interesting geologic time scale based on the latest data from radioactivity.

Science News Letter, August 13, 1938

Seismology

PRACTICAL SEISMOLOGY AND SEISMIC PROSPECTING—L. D. Leet—*Appleton*, 430 p., \$6. An excellent introduction to the science of seismology by the scientist in charge of Harvard's seismological station. Dr. Leet presents a most comprehensive study of earthquakes and seismic phenomena written in a manner which requires no technical knowledge beyond elementary mathematics. An excellent reference work.

Science News Letter, August 13, 1938

Sociology

THE PROBLEMS OF A CHANGING POPULATION—National Resources Committee—*Govt. Print. Off.*, 306 p., charts, 75 c. See page 89, SNL, Aug. 6.

Science News Letter, August 13, 1938

Astronomy

STARCRAFT—William H. Barton, Jr. and Joseph Maron Joseph—*Whittlesey*, 228 p., illus., \$2.50. Star legend and amateur astronomy for the layman by an expert of the Hayden Planetarium in New York City and the head of the Science Department at Smedley Junior High School, Chester, Pennsylvania.

Science News Letter, August 13, 1938

Astronomy

ASTRONOMY: A TEXTBOOK FOR UNIVERSITY AND COLLEGE STUDENTS (3rd ed)—Robert H. Baker—*Van Nostrand*, 527 p., illus., \$3.75. Prof. Baker's popular textbook on astronomy has now entered its third edition and has amply demonstrated its worth. Amongst the new features are improved star maps, a list of questions at the end of each chapter, and reproductions of very recent astronomical photographs. The book is completely up-to-date.

Science News Letter, August 13, 1938

Education

A PREVIEW TO COLLEGE AND LIFE—Carl E. Seashore—*Univ. of Iowa*, 78 p., cloth 75 c, paper 50 c. Good advice to college students by an eminent psychologist.

Science News Letter, August 13, 1938

Chemistry

TRANSACTIONS OF THE INSTITUTION OF CHEMICAL ENGINEERS, Vol. 15, 1937—*Institution of Chemical Engineers, London*, 260 p., 21 s. A publication in permanent book form of the technical papers presented before the last meeting of the I. C. E.

Science News Letter, August 13, 1938

Chemistry

INTRODUCTORY QUALITATIVE ANALYSIS (Rev. ed.)—Warren C. Vosburgh—*Macmillan*, 222 p., \$2.25. Qualitative analysis as taught at Duke University. It is adapted for a one semester course. The chief emphasis is on instruction in the chemical principles and the scientific method, rather than on the teaching of an immediately practical art.

Science News Letter, August 13, 1938

Engineering

PETROLEUM DEVELOPMENT AND TECHNOLOGY, 1938—*American Institute of Mining and Metallurgical Engineers*, 744 p., \$5. The printing, in book form, of the last three technical meetings of the A. I. M. M. E., bringing the technical papers up to February of 1938.

Science News Letter, August 13, 1938