

• First Glances at New Books

Additional Reviews
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Physiology

WUNDER DES LEBENS—Bruno Gebhard, with the collaboration of Herbert Michael, Gerhard A. Brecher and Hatto Weiss—*Union Deutsche Verlagsgesellschaft*, Stuttgart, 429 p., 300 illus., 24 RM. The theme of the Berlin Exposition in 1935, The Wonder of Life, is presented in this large and beautifully illustrated book. Unfortunately its reading public in this country will be limited to those who can read German, unless the publishers decide to bring out an English translation. Since the book was written with the two-fold purpose of telling the story told by the Exposition and of giving the layman a clear idea of the structure and functioning of the human body in health and disease, it is written in simple German and should not give difficulty, except for technical terms, to those who have a fair knowledge of this language. There is considerable emphasis, as might be expected, on races, on the family and on the desirability of having children. The illustrations are especially noteworthy, both in themselves and as examples of how anatomical and physiological facts can be simply, clearly and strikingly depicted.

Science News Letter, May 28, 1938

Physiology

DAS LEBEN DER FRAU IN GESUNDEN UND KRANKEN TAGEN—Bruno Gebhard—*Union Deutsche Verlagsgesellschaft* Stuttgart, 232 p., 9.80 RM. A book for and about women, written in sympathetic vein suggesting a father counselling his daughter about her life and its problems including health problems. Those who can read German may be interested in noting the way current German ideas are woven into a book on hygiene for women.

Science News Letter, May 28, 1938

Medicine

INTERNSHIPS AND RESIDENCIES—New York Committee on the Study of Hospital Internships and Residencies—*Commonwealth Fund*, 492 p., \$2.50.

Science News Letter, May 28, 1938

Engineering

A SHORT HISTORY OF NAVAL AND MARINE ENGINEERING—Edgar C. Smith—*Macmillan*, 376 p., illus., \$6. Thirty years of research are behind this history of one of the most important branches of engineering. This is not a history of ships, but a history of the way in which the engineer solved the

many problems that had to be faced with the introduction of steam. The book does not cover the Diesel engine, which has in recent years made growing inroads in the domain of steam. There is an introduction by Major P. J. Cowan, editor of the British technical journal, *Engineering*.

Science News Letter, May 28, 1938

Biology

FEARFULLY AND WONDERFULLY MADE: THE HUMAN ORGANISM IN THE LIGHT OF MODERN SCIENCE—Renée von Eulenburg-Wiener—*Macmillan*, 472 p., \$3.50. Thoughtful and philosophic readers will find much enjoyment in this book in which the author tells how the human organism is made, how it works and how, according to her interpretation of modern science, especially biophysics, it is related to the universe.

Science News Letter, May 28, 1938

Biology

RÉSULTATS SCIENTIFIQUES DU VOYAGE AUX INDES ORIENTALES NÉERLANDAISES DE LL. AA. RR. LE PRINCE ET LA PRINCESSE LÉOPOLD DE BELGIQUE. Vol. II, Fasc. 18, Gastéropodes Marins—Ph. Dautzenberg—*Musée Royal d'Histoire Naturelle de Belgique, Bruxelles*. This monograph, treating of the family Conidae, will be of interest chiefly to taxonomists.

Science News Letter, May 28, 1938

Economics

THE NEXT CENTURY IS AMERICA'S—C. D. Murphy and H. V. Prochnow—*Greenberg*, 244 p., \$2.50. A vote of confidence in America as it is, "decrying modern methods of irresponsible propaganda and short-sighted economic policies," by two Chicago business men with a foreword by Dr. Glenn Frank.

Science News Letter, May 28, 1938

Aeronautics

WHAT ABOUT THE AIRSHIPS?—Commander C. E. Rosendahl—*Scribner's*, 437 p., \$3.50. See *SNL*, May 7.

Science News Letter, May 28, 1938

Physiology—Psychology

SEX SATISFACTION AND HAPPY MARRIAGE—Alfred Henry Tyrer—*Emerson Books*, 160 p., \$2. Frank, sane advice given by a clergyman with many years of experience in marriage counselling. The book should be helpful to young engaged couples, particularly from homes in which sex is still surrounded with Victorian taboos.

Science News Letter, May 28, 1938

Philosophy

THE INTELLIGENT INDIVIDUAL AND SOCIETY—P. W. Bridgman—*Macmillan*, 305 p., \$2.50. An eminent physicist looks at human thought and the world around us. In the light of an analysis of mental possibilities and limitations, Prof. Bridgman presents in a new aspect such ideas as those of duty, freedom, "rights," morality, justice, race survival, service, idealism.

Science News Letter, May 28, 1938

Sociology—Engineering

THE MASTER PLAN, WITH A DISCUSSION OF THE THEORY OF COMMUNITY LAND PLANNING LEGISLATION—Edward M. Bassett—*Russell Sage Found.*, 151 p., \$2. Most cities and towns of the world have just grown. Now there is arising a science of how to build the communities in which we live. This book should be a handbook for those who are charged with, or take it upon themselves to guide, community development.

Science News Letter, May 28, 1938

Sociology

YOU CAN'T DO THAT—George Seldes—*Modern Age Books*, 307 p., 50 c. Because science and education are sometimes attacked by "the forces attempting, in the name of patriotism, to make a desert of the Bill of Rights" this defense of our liberties will be of interest to workers in those fields.

Science News Letter, May 28, 1938

Geography

THE OCEAN HIGHWAY; New Brunswick, New Jersey to Jacksonville, Florida—Federal Writers' Project of the Works Progress Administration—*Modern Age Books*, 244 p., 95 c. "The third volume to be published in a series of interstate route guides which form part of the American Guide Series of regional, state and local guides prepared by the Federal Writers' Project of the WPA. The entire series of guides, when completed, will highlight the history, resources, and points of interest in an area of more than three million square miles."

Science News Letter, May 28, 1938

Anthropology

ACCULTURATION—Melville J. Herskovits—*Augustin*, 155 p., \$2. A discussion of scientific efforts to analyze the results of contact between peoples of different culture, and suggestions for further research along this line.

Science News Letter, May 28, 1938

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Biography

HELEN KELLER'S JOURNAL—Helen Keller—*Doubleday, Doran*, 313 p., \$2.50. As no one needs introduction for Helen Keller, so no one needs to have pointed out to him the interest of her intimate journal.

Science News Letter, May 28, 1938

Chemistry

THE CHEMISTRY OF PLANT CONSTITUENTS—Ole Gisvold and Charles H. Rogers—*Burgess*, 309 p., \$3.50. A text describing the theory and practice of the science of the chemistry of plants. Printing is by the mimeoprint process.

Science News Letter, May 28, 1938

Physics

AN OUTLINE OF PHYSICS (Rev. ed.)—Albert Edward Caswell—*Macmillan*, 590 p., illus., \$3.75. It is ten years since the first edition of Prof. Caswell's book appeared. In the meantime much has happened in the field of physics which the author now incorporates in this comprehensive text, designed particularly for students who will never take a more advanced course in the subject.

Science News Letter, May 28, 1938

Chemistry

THE DETERMINATION OF THE AMINO ACIDS—Richard J. Block—*Burgess*, 85 p., \$2. A book of laboratory procedure for the specialist in this particular branch of chemistry. It is mimeoprinted, with photo offset illustrations.

Science News Letter, May 28, 1938

Mathematics—Biography

PORTRAITS OF EMINENT MATHEMATICIANS. PORTFOLIO II.—David Eugene Smith—*Scripta Mathematica*, XIII folders, \$3. Here is a new collection of the famous mathematicians of the past. These portfolios are so widely used in schools to decorate the walls of classrooms and offices that this new set of portraits should be welcome as an enlargement of the scope of this excellent series.

Science News Letter, May 28, 1938

Photography

NATURAL COLOR PROCESSES (2d ed.)—Carlton E. Dunn—*American Photographic Co.*, 206 p., \$2.

Science News Letter, May 28, 1938

Crafts

JEWELRY, GEM CUTTING, AND METALCRAFT—William T. Baxter—*Whittlesey*, 224 p., illus. \$2.50. This book is directly designed for amateurs who find leisure-time amusement and instruction in the field of gem cutting and metalcraft. Il-

lustrated with diagrams and photographs, it tells the amateur what tools to use, where to get them and how to use them, and tells him what he may make.

Science News Letter, May 28, 1938

Anthropology

SINGING FOR POWER—Ruth Murray Underhill—*Univ. of California Press*, 158 p., \$2. Contains a large number of Papago Indian songs, some very beautiful, and describes the occasions on which the songs are sung and their purpose. No music is given.

Science News Letter, May 28, 1938

Psychology

REMINISCENCE AND ROTE LEARNING—Lewis B. Ward—*The Psychological Review Co.*, 64 p., \$1. Of interest to teachers as well as to psychologists, is this study conducted at Yale University.

Science News Letter, May 28, 1938

Economics

CURRENT ECONOMIC DELUSIONS AND THEIR PROBABLE FUTURE EFFECTS—E. C. Harwood—*Amer. Inst. for Economic Research*, 112 p., \$1.

Science News Letter, May 28, 1938

Chemistry

NEWER METHODS OF VOLUMETRIC ANALYSIS—Wilhelm Bottger, ed.—*Van Nostrand*, 268 p., \$3.75. This book is a good translation of an excellent text in German which is of interest to all specialized chemists in its field.

Science News Letter, May 28, 1938

Chemistry

COLLOID SYSTEMS—A. von Buzagh, tr. by Otto B. Darbishire, ed. by William Clayton—*Reinhold*, 311 p., \$9. A very comprehensive and completely indexed volume on the nature of colloidal chemistry. Specialists in this particular branch of chemistry will wish to add it to their reference libraries.

Science News Letter, May 28, 1938

Chemistry

ELEMENTARY PRINCIPLES OF QUALITATIVE ANALYSIS—T. R. Hogness and Warren C. Johnson—*Holt*, 325 p., \$1.40. An excellent text already finding a sizable usage, which is designed for those schools having a separate course in qualitative analysis. In no small part the value of the book lies in its many problems, some of which are solved for the edification of the student, while many more are given to test his ability.

Science News Letter, May 28, 1938

Natural History

MOUNTAINS OF THE MOON; AN EXPEDITION TO THE EQUATORIAL MOUNTAINS OF AFRICA (3rd ed.)—Patrick M. Syngé—*Dutton*, 221 p., illus., \$4. A fascinatingly written account of an expedition to one of the least known, least visited parts of the world. The sense of weirdness, almost to the point of unreality, conveyed by illustrations taken from post-impressionistic paintings is brought sharply home as actual by photographs of vegetation that to temperate-zone eyes looks like nothing earthly.

Science News Letter, May 28, 1938

Crafts

MONEY-MAKING HOBBIES—A. Frederick Collins—*Appleton-Century*, 322 p., \$2. One of the most prolific writers of popular books on applied science here turns his hand to the problem of making money out of hobbies. Things to make with paper, printing, photography, weaving, leather-working and wood-working are only a few of the chapter headings.

Science News Letter, May 28, 1938

Archaeology

THE ARCHAEOLOGICAL SURVEY OF THE HIGH WESTERN PLAINS: Tenth Report—The Black's Fork Culture of Southwest Wyoming—E. B. Renaud—*Univ. of Denver*, 54 p., 12 pl., *Free upon direct application to Dept. of Anthropology, University of Denver.*

Science News Letter, May 28, 1938

Mathematics

COLLEGE ALGEBRA (Rev. ed.)—William L. Hart—*Heath*, 438 p., \$2.24. This revised edition of a well known text has been almost completely rewritten and contains new and original problems which have not appeared in prior work. The same commendable motive for publication is present, namely, an attempt to bridge the gap between ninth grade algebra, imperfectly presented, and college algebra.

Science News Letter, May 28, 1938

Physics

A FIRST COURSE IN PHYSICS FOR COLLEGES (Rev. ed.)—Robert Andrews Millikan, Henry Gordon Gale, and Charles William Edwards—*Ginn*, 774 p., illus., \$4. Here is a revised edition of the book that is the standard college text for many of America's colleges and universities. It is so well known among the teachers that one only needs to say that it has been brought up to date.

Science News Letter, May 28, 1938