

• First Glances at New Books

Additional Reviews
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History

THE TRUE HISTORY OF THE CONQUEST OF MEXICO—Bernal Diaz Del Castillo; translated from the original Spanish by Maurice Keatinge—*McBride*, 562 p., \$3.75. Written in the year 1568 by one of the survivors of Cortez' band of Conquistadores, this book gives a vivid picture of Mexico as it was before the white man came, and the incredible adventures of the band of Spaniards who conquered it. A new printing.

Science News Letter, April 1, 1939

Biography

MEIN KAMPF—Adolf Hitler—*Stackpole*, 669 p., \$3. An unauthorized edition paying no royalty to Hitler. The publishers claim that this is justified because Hitler was not a citizen of either Germany or Austria when he registered his book in Washington, D. C. The names of the translators are not given, but the translation was made from the two-volume first edition. Changes made by Hitler in later editions were adopted in the translation only when they were made to clear up meaning and correct language.

Science News Letter, April 1, 1939

Medicine

FUNDAMENTALS OF PHYSICAL EXAMINATION—George G. Deaver—*Saunders*, 299 p., \$2.75. For physical educators and public health and school nurses.

Science News Letter, April 1, 1939

Medicine

REFRACTION OF THE HUMAN EYE AND METHODS OF ESTIMATING THE REFRACTION (3d ed.)—James Thorington—*Blakiston's*, 412 p., \$3.50.

Science News Letter, April 1, 1939

Mathematics

CHILD-LIFE NUMBER BOOK — Charles E. Garner and Livingstone McCartney—*Lyons and Carnahan*, 239 p., illus., 54 c. Arithmetic for little tots of pre-school age which will coordinate their sizable but scattered knowledge of numbers.

Science News Letter, April 1, 1939

Economics

FOODS — Production, Marketing, Consumption — Jean J. Stewart — *Prentice-Hall*, 737 p., \$3.25. Here is a book all about the foods we eat which seeks to do three things: 1. To lead individuals to think of food problems and discover their proper solutions. 2. To lead individuals to think in terms of life situations and to keep an open-mindedness

in considering new points of view. 3. To provide those places where information on food topics may be obtained. The history and economics of food production are given.

Science News Letter, April 1, 1939

Child Study

THE ACTIVITY OF YOUNG CHILDREN DURING SLEEP—Chester Roy Garvey—*Univ. of Minn.*, 102 p., \$2. Here are the answers to some of the questions puzzling parents regarding the effect on children's sleep of time of going to bed, late active play, ventilation, temperature, afternoon naps, position of sleep and many other factors. Children take twice as long to go to sleep as do adults and they move about twice as often.

Science News Letter, April 1, 1939

Physics—Astronomy

AN INTRODUCTION TO THE STUDY OF STELLAR STRUCTURE—S. Chandrasekhar—*Univ. of Chicago*, 509 p., \$10. The assistant professor of theoretical astrophysics at Yerkes Observatory of the University of Chicago presents a theory of stellar structure from a consistent point of view and, as far as possible, in totally rigorous fashion. This book is intended completely for the expert.

Science News Letter, April 1, 1939

Chemistry

MOTOR FUELS FROM FARM PRODUCTS—P. Burke Jacobs and Harry P. Newton—*Govt. Print. Off.*, 129 p., 15 c. The facts on power alcohol as told by experts in the U. S. Department of Agriculture.

Science News Letter, April 1, 1939

General Science

RESEARCH—A NATIONAL RESOURCE: I. RELATION OF THE FEDERAL GOVERNMENT TO RESEARCH—Report of the Science Committee to the National Resources Committee—*Govt. Print. Off.*, 255 p., 50 c. See SCIENCE NEWS LETTER, Feb. 4, 1939, p. 77.

Science News Letter, April 1, 1939

Child Study

BIOGRAPHIES OF CHILD DEVELOPMENT—Arnold Gesell, Burton M. Castner, Helen Thompson and Catherine S. Amatruda—*Hoeber*, 328 p., \$3.75. The mental growth careers of 84 infants and children studied during the course of ten years of research at the Yale Clinic of Child Development. The authors stress the importance of inherited or constitutional factors which make each child's rate and pattern of development an individual matter.

Science News Letter, April 1, 1939

Anthropology—Psychology

THE AMERICAN CRIMINAL, AN ANTHROPOLOGICAL STUDY. Vol. I, The Native White Criminal of Native Parentage—Earnest Albert Hooton—*Harvard Univ. Press*, Text, 309 p. appendix about 400 p., index, \$10. The first volume of a comprehensive report of research carried out by the Division of Anthropology of Harvard University with the cooperation of the Massachusetts State Department of Mental Diseases. The well-known anthropologist here presents evidence that physique is related to personality in these subjects. Since other scientific studies in this field have failed to reveal the sort of linking of personality and physical traits reported here by Prof. Hooton, it is anticipated that this book will evoke considerable discussion among psychologists.

Science News Letter, April 1, 1939

Criminology

CRIME AND THE MAN—Earnest Albert Hooton—*Harvard Univ. Press*, 403 p., \$3.75. A popularized and condensed report for laymen of Professor Hooton's study of the relation of physique to personality traits among criminals.

Science News Letter, April 1, 1939

Chemistry

PHYSICO CHEMICAL EXPERIMENTS — Robert Livingston — *Macmillan*, 257 p., \$2.25. A laboratory course in physical chemistry with emphasis on the illustration of the basic principles of the subject. Every effort has been made to avoid the usual "cook book" sort of directions.

Science News Letter, April 1, 1939



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Additional Reviews

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Psychology

THE PLACE OF VALUE IN A WORLD OF FACT — Wolfgang Köhler — *Liveright*, 418 p., \$3.75. Do scientists, with their immense interest in fact, lack an understanding of the importance of their findings in human affairs? This question, raised by the author, is the theme of these William James lectures delivered by the author of "Gestalt Psychology" at Harvard University in 1934.

Science News Letter, April 1, 1939

Medicine—Zoology

CHRONIC ARTHRITIS IN WILD MAMMALS—Herbert Fox—*American Philosophical Soc.; distributed by Univ. of Penna. Press*, 149 p., 12 plates, \$2. Monographic treatment of arthritic lesions in more than 1700 specimens of wild mammals representing all principal orders. (See also SNL, April 30, 1938).

Science News Letter, April 1, 1939

Chemistry

SYNTHETIC ORGANIC CHEMICALS: WORLD DEVELOPMENTS AND FOREIGN MARKETS—C. C. Concannon and J. N. Taylor—*Govt. Print. Off.*, 164 p., 20 c. If this little book had been written 25 years ago it would have shown that Germany was the country towering over all others in the volume of organic chemical production. The past quarter century has shown a completely changed picture following the World War. This government publication compiles the statistics and information on the entire world as of September 1938.

Science News Letter, April 1, 1939

Chemistry

MODERN ATOMIC THEORY: AN ELEMENTARY INTRODUCTION — J. C. Speakman—*Longmans, Green*, 207 p., \$2. A British chemist reviews the present status of atomic theory, aiming especially at students in universities and possibly the general scientific reader also.

Science News Letter, April 1, 1939

Biology

HITCH-HIKING WITH JIMMY MICROBE — Virginia and Drew Jacobsen, and Lyman L. Daines—*Reilly and Lee*, 92 p., colored illustrations, \$1. The authors attempt to make bacteriology palatable to children by the old and worn-out device of anthropomorphizing microbes.

Science News Letter, April 1, 1939

Chemistry

ORGANIC CHEMISTRY — Paul Karrer; trans. from latest German ed. by A. J. Mee—*Nordemann*, 902 p., \$11. Here is

the much-anticipated translation of a famous German textbook which has entered its fifth edition in ten short years. With over 900 pages, the book is classed as "medium sized" by the author which illustrates the thoroughness of treatment employed. Special emphasis is laid on methods of synthesis and many problems of stereochemistry are fully dealt with. Because of the discussion of biochemistry the book has value not only for chemists, but also for students of medicine.

Science News Letter, April 1, 1939

Mechanics

CONTRIBUTIONS TO THE MECHANICS OF SOLIDS DEDICATED TO STEPHEN TIMOSHENKO BY HIS FRIENDS ON THE OCCASION OF HIS SIXTIETH BIRTHDAY ANNIVERSARY—*Macmillan*, 277 p., illus., \$5. A collection of technical papers on mechanics which make a highly fitting tribute to a brilliant engineer.

Science News Letter, April 1, 1939

Conservation

WATER — WEALTH OR WASTE—William Clayton Pryor and Helen Sloman Pryor—*Harcourt, Brace*, 242 p., illus., \$2.50. Water is looked at from every imaginable angle — as something to drink, wash with, sail on, fish in, employ in irrigation and power works, fight in floods and erosion. Unique in conception, this book will surely please a wide audience. The authors, known for a series of photographic books, have illustrated this one plentifully.

Science News Letter, April 1, 1939

General Science

SO THAT'S THE REASON! — R. Ray Baker—*Reilly and Lee*, 125 p., illus., \$1. A book in big print for small readers, that knows how to make hard facts easy to understand, yet without falling into the trap of inaccuracy that lurks in attempts at over-simplification.

Science News Letter, April 1, 1939

Ecology

DESERTS—Gayle Pickwell—*Whittlesey*, 174 p., 64 pl., \$3.50. Companion volume to the author's *Weather* (SNL Nov. 20, 1937) this book has the same high value both for the facts which its text entertainingly imparts and for the really superb photographs that supply the full-page illustrations. If you are interested in the natural history of deserts you will find this book fascinating; if you read this book without previous knowledge of deserts you will thenceforth find them fascinating.

Science News Letter, April 1, 1939

Biography

MEN OF POWER. Vol. III. Benjamin Franklin, Ralph Waldo Emerson, George Fox, Charles Darwin—Fred Eastman—*Cokesbury Press*, 200 p., \$1.50. Biographical sketches of four men who influenced the courses of thought and action of people long after their time, compactly and simply presented. Suitable for school use.

Science News Letter, April 1, 1939

Political Science

DEMOCRACY AND SOCIALISM—Arthur Rosenberg—*Knopf*, 375 p., \$3.50. A critical and searching historical essay by the former professor of history at the University of Berlin, now an emigré in this country. Prof. Rosenberg brings to his work the advantages of a close-up knowledge of Central European conditions antecedent to the World War and the present débacle.

Science News Letter, April 1, 1939

Zoology

THE DOBERMANN PINSCHER: History and Development of the Breed—Philipp Gruenig; trans. by Maximilian von Hoegen—*Orange Judd*, 311 p., illus., \$3.50. A detailed account of the breeding, anatomy, and judging points of an increasingly popular breed of dogs, together with individual histories of outstanding animals.

Science News Letter, April 1, 1939

Seismology

EARTHQUAKE HISTORY OF THE UNITED STATES. Part I, Continental United States (Exclusive of California and Western Nevada) and Alaska—N. H. Heck, 85 p., 20 c. Part II, California and Western Nevada—H. O. Wood, M. W. Allen and N. H. Heck, 25 p., 10 c.—*Govt. Print. Off.* See page 195.

Science News Letter, April 1, 1939

Psychology

THE INNER WORLD OF MAN—Frances G. Wickes—*Farrar & Rinehart*, 313 p., 79 plates, \$3.50. The author is a follower of Jung.

Science News Letter, April 1, 1939

Sociology

THE FAMILY, A DYNAMIC INTERPRETATION—Willard Waller—*Cordon Co.*, 621 p., \$3.25. A study of family life of middle class persons in the United States intended for use as a text in college courses. The author is associate professor of sociology at Barnard College. Chapters on conflict, bereavement, and divorce are included.

Science News Letter, April 1, 1939