

FIRST GLANCES AT NEW BOOKS

THE NATURE OF THE PHYSICAL WORLD—A. S. Eddington—*Macmillan* (\$3.75). When Dr. Eddington, the famous Plumian Professor of Astronomy at Cambridge, publishes a new book, the scientific world immediately takes notice. It knows in advance that it will be delightfully written, with a clarity and brilliance that is characteristic of the author. But this book even surpasses expectations. It consists of the Gifford Lectures, which he delivered at the University of Edinburgh in 1927 and, says the author, "treats of the philosophical outcome of the great changes of scientific thought which have recently come about. The theory of relativity and the quantum theory have led to strange new conceptions of the physical world; the progress of the principles of thermodynamics has wrought more gradual but no less profound change. . . . The aim is to make clear the scientific view of the world as it stands at the present day, and, where it is incomplete, to judge the direction in which modern ideas seem to be tending."

Physics
Science News-Letter, January 26, 1929

THE AUTOBIOGRAPHY OF AN AMATEUR INVENTOR—Frederic E. Ives—*Privately printed by the author, 1753 North Fifteenth Street, Philadelphia* (\$3). The personal recollections and opinions of a pioneer in applied science now in his seventy-third year. Giving an account of how the author invented the process of half-tone photo-engraving and color photography and color printing. Full of interesting sidelights on American science and the psychology of invention.

Invention
Science News-Letter, January 26, 1929

THE TREASON OF THE INTELLECTUALS—Julien Benda, translated by Richard Aldington—*Morrow* (\$2.50). A vigorous protest against the post-war spirit of the times as shown in the exaggeration of patriotism, the cult of nationalism, the dominance of the state, the enforcement of conformity, the doctrine of liberalism, and the suppression of individuality. These are, he holds, contrary to Christianity and science, and he charges the thinkers in both fields with having betrayed their principles. The intellectuals of the day regard pacifism, cosmopolitanism, humanitarianism, and altruism as boring, and welcome war as a thrilling sensation.

Psychology
Science News-Letter, January 26, 1929

THE NEW MAP OF SOUTH AMERICA—Herbert Adams Gibbons—*Century* (\$3). Despite the interest in South America brought about by President-elect Hoover's recent trip, the average American is still inclined to regard the continent as a unit, without regard to the national distinctions that make it as heterogeneous as North America. In this book, Dr. Gibbons takes up each of the South American countries separately, and considers its geography, history, climate, people and general characteristics in a clear and vivid manner. Everyone who wants a clear idea of what South America is (and that should include every American) needs to read this book.

Geography—History
Science News-Letter, January 26, 1929

BEHIND YOUR FRONT—James Oppenheim—*Harper* (\$2). A few ideas from psycho-analysis, reduced to startlingly simple terms, Americanized, and in general organized into a light amusement for evening home reading. The author suggests that "If the reader plays this book through as though it were a game, he will find not only a new and rather surprising picture of himself, but also a psycho-analytical picture gallery of many notable people, from Charlie Chaplin to H. L. Mencken."

Psychology
Science News-Letter, January 26, 1929

THE FATS AND OILS—Carl L. Alsborg and Alonzo E. Taylor—*Food Research Institute, Stanford University* (\$1.50). In this, the first of a series of "Fats and Oil Studies" of the Food Research Institute of Stanford University, two of the directors of the institute give a general view of the subject. The nature and sources of fats and oils, their properties, technology, production and consumption are some of the subjects treated.

Chemistry
Science News-Letter, January 26, 1929

GERMAN FREQUENCY WORD BOOK—B. Q. Morgan—*Macmillan* (\$.60). In order to determine what words should be introduced into the vocabulary of the learner of German, the order of frequency in current printed and written German has been determined for some 2400 words. This book is of interest to teachers of languages.

Etymology
Science News-Letter, January 26, 1929

MUSCULAR MOVEMENT IN MAN—A. V. Hill—*McGraw-Hill* (\$2.50). The book presents studies made on the chemistry that goes on in the body of an athlete. "The factors governing speed and recovery from fatigue" is the subhead of the book. Besides its value to scientists, the book might have an appeal to athletes with an inquiring turn of mind and enough chemistry to help them through the technical parts.

Physiology
Science News-Letter, January 26, 1929

GENERAL BIOLOGY—L. L. Burlingame and others—*Holt*. A second edition of a text by several members of Leland Stanford University, which has established itself as a proven success in its field.

Biology
Science News-Letter, January 26, 1929

BACTERIOLOGY: GENERAL, PATHOLOGICAL, INTESTINAL—A. I. Kendall—*Lea and Feabiger* (\$7). Third edition of a standard book. A complete and solidly presented discussion of the science and practice of bacteriology, useful to the physician, the pathologist and the laboratory scientist.

Bacteriology
Science News-Letter, January 26, 1929

PLANT RESPIRATION—S. Kostychev, translated and edited by C. J. Lyon—*Blakiston* (\$2.50). In making available to English-reading plant physiologists this work of one of the most prominent of Palladin's students, Dr. Lyon has merited the thanks of his profession.

Plant Physiology
Science News-Letter, January 26, 1929

NEW WORLDS FOR OLD—R. G. Lunnon—*Methuen* (2/6). The new worlds within atoms and stars, the new knowledge of our earth's interior and its atmosphere, the notions of energy which link all these together; these are the new worlds described by Mr. Lunnon in this interesting little book.

Physics
Science News-Letter, January 26, 1929

THE BOY WHO FOUND OUT—Mary Hazelton Wade—*Appleton* (\$1.75). The story of Henri Fabre, told for young folk but not "written down" to them, so that it can be read with relish by anyone.

Biography
Science News-Letter, January 26, 1929

New Books—Continued

ORGANIC LABORATORY METHODS—Lassar-Cohn, translated by Ralph E. Oesper — *Williams and Wilkins* (\$6.50). A translation from a standard German work that, says the translator, covers the field better than any work in English. Its aim, he says, is to cite and outline the methods by which typical difficulties have been overcome, and leave their adaptation to the resourcefulness of the reader, so it is in no way intended for the beginner.

Chemistry
Science News-Letter, January 26, 1929

KITCHEN MANAGEMENT—J. O. Dahl—*Harper & Bros.* The author gives his views based on several years of practical experience as well as study. The building, equipping, arranging and managing of restaurant kitchens form the main theme. Food purchasing, dietetics and menu-making are discussed. The layman might be interested in some of the sidelights thrown on chain restaurants, cafeteria management, and duties of the personnel in the restaurant of his favorite club or hotel.

Economics—Dietetics
Science News-Letter, January 26, 1929

DISCUSSION OF THE NATIONAL ELECTRICAL SAFETY CODE—*Government Printing Office* (\$1). A publication of the Bureau of Standards that supplements the National Safety Code, and will be of interest to all electrical engineers.

Electrical Engineering
Science News-Letter, January 26, 1929

THE FATIGUE OF METALS—H. F. Moore and J. B. Kommers—*McGraw-Hill* (\$4). That metals get "tired" under use, and that failure of such parts under repeated stress is usually so sudden that it may cause a real disaster, has only been recognized in recent years, largely due to the work of Prof. Moore. In this book he and one of his colleagues summarize our present knowledge of the subject.

Engineering
Science News-Letter, January 26, 1929

THE BOSTON POST BOOK ON TELEVISION—Henry Milton Lane—*Boston Post* (\$.25). A thirty-five page pamphlet giving practical details on the transmission and reception of television. The amateur who wishes to experiment in this fascinating field will find a good introductory manual.

Radiovision
Science News-Letter, January 26, 1929

HAVE YOU A FRIEND IN ARKANSAS?

He would be glad to have a book on evolution which he could lend to his neighbor the preacher.

He might be able to come to the aid of a hard-pressed school-teacher or editor at the critical point in an argument.

Very likely he has children who will have to learn their science from half-muzzled teachers.

You are not in his predicament, but evolution is one of the most-discussed questions of our day.

Have you a good book on evolution and modern thought? Buy one of the books listed below!

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| <input type="checkbox"/> Evolution in the Light of Modern Knowledge; a Collective Work, New York, 1925. \$7.50 | <input type="checkbox"/> Lull, Richard Swann— <i>The Ways of Life</i> . New York, 1925. \$3.00 |
| <input type="checkbox"/> Brewster, Edwin Tenny.— <i>Creation</i> . Indianapolis, 1927. 3.50 | <input type="checkbox"/> Mason, Frances, editor.— <i>Creation by Evolution</i> . New York, 1928..... 5.00 |
| <input type="checkbox"/> Conklin, E. G.— <i>Heredity and Environment</i> . Princeton. 2.50 | <input type="checkbox"/> Mather, Kirtley F.— <i>Science in Search of God</i> . New York, 1928..... 2.00 |
| <input type="checkbox"/> Curtis, Winterton G.— <i>Science and Human Affairs</i> . New York. 3.00 | <input type="checkbox"/> Newman, Horatio— <i>The Gist of Evolution</i> . New York, 1926. 1.50 |
| <input type="checkbox"/> Darrow, Floyd L.— <i>Through Science to God</i> . Indianapolis, 1925..... 2.50 | <input type="checkbox"/> Newman, Horatio — <i>Evolution, Genetics, Eugenics</i> . Chicago, 1925. 3.50 |
| <input type="checkbox"/> Gager, C. Stuart— <i>Relation Between Science and Theology</i> . Chicago, 1925..... 1.00 | <input type="checkbox"/> Parker, George Howard— <i>What Evolution is</i> . Cambridge, 1925..... 1.50 |
| <input type="checkbox"/> Huxley, Julian S. — <i>The Stream of Life</i> . New York, 1927. 1.00 | <input type="checkbox"/> Tyler, John M.— <i>The Coming of Man</i> . Boston, 1925. 2.00 |
| <input type="checkbox"/> Kellogg, Vernon— <i>Evolution, the Way of Man</i> . New York, 1924..... 1.75 | <input type="checkbox"/> Ward, Henshaw— <i>Evolution for John Doe</i> . Indianapolis. 3.50 |

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