

• First Glances at New Books

Additional Reviews
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Philosophy

THE PHILOSOPHY OF A SCIENTIFIC MAN—Paul R. Heyl—*Vanguard*, 182 p., \$1.50. "This is the philosophy of a scientific man. Not of all scientific men, not yet perhaps of many, but it is the fruit of a lifetime on the part of a mind which has run the whole gamut of religious and philosophical thinking, which has tarried long in one oasis after another, and which has finally reached the views here set forth." Dr. Heyl is a physicist on the staff of the National Bureau of Standards known for his work on the gravitational constant and as the co-inventor of the earth inductor compass.

Science News Letter, April 29, 1933

Photography

NEWS PHOTOGRAPHY—Jack Price—*Industries Publishing Co.*, 165 p., \$2. Here is a book full of fascinating reading for those who appreciate the thrills behind the news picture and valuable instruction for the photographer, amateur or professional, who would give his pictures that cash-demanding intangible something called "news-value." The author made a reputation for himself as a metropolitan news photographer. He draws liberally on his adventures in telling what a good news picture really is and how to take it. Cameras and developing and printing are also discussed in language that can readily be translated into action by the lay reader. Plate illustrations include a number of classic news pictures.

Science News Letter, April 29, 1933

Education—Ethnology

THE HOUSE OF THE PEOPLE—Katherine M. Cook—*Government Printing Office* 73 p., 10c. It is surprising to find a United States Government publication wearing "Mexican costume." The black and white illustrations are from woodcuts used in Mexican school reading books. The format of the little publication is in keeping with the nicely illustrated pages. The subject of this unusual and interesting bulletin is Mexico's new experiment in educating her large native population.

Science News Letter, April 29, 1933

Archaeology

THE ARCHAEOLOGY OF PORTER COUNTY—J. Gilbert McAllister—*Historical Bureau, Indiana Library and Historical Department*, 74 p., 44 pl., free.

A description of aboriginal remains and excavations in an Indiana country. The region was inhabited by mound-building Indians whose culture bore some resemblance to the Hopewell culture, and is pronounced by Mr. McAllister to be a variant of that type.

Science News Letter, April 29, 1933

Psychology

THE PHYSICAL DIMENSIONS OF CONSCIOUSNESS—Edwin G. Boring—*Century*, 251 p., \$2.25. Psychologists agree with physiologists in preferring to have their psychological theories grounded in physiology. In his preface, the author attributes to the conceit of physiologists and the modesty of psychologists the fact that only recently has the suggestion been made that neural theories should be tested for compatibility with psychological fact. This book is the result of assuming such a reversible logic. Boring points out that just as in introspection there is no clear line distinguishing observation from inference, so in science too the distinction is never sharply defined. And the line of demarcation between useful hypothesis and dangerous speculation is, he says, necessarily indeterminate and personal, but, "The reader will have no difficulty in discovering that I look upon the contents of this book as 'useful hypothesis.'"

Science News Letter, April 29, 1933

Library Science

THE SECONDARY-SCHOOL LIBRARY—*Bulletin, 1932, No. 17*—Office of Education—*Government Printing Office* 110 p., 10c.

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National Parks

YELLOWSTONE NATIONAL PARK—Hiram M. Chittenden, revised by Isabelle F. Story and Eleanor Chittenden Cress—*Stanford Univ. Press*, 286 p., \$3. Gen. Chittenden's book, now in its fourth edition, is still perhaps the most comprehensive and complete single-volume description of Yellowstone National Park, its beauties and wonders, its background of history and legend. The revision, carried out very carefully by his daughter and the editor of the National Park Service, preserves the original wording intact as nearly as is consistent with bringing the contents thoroughly up to date.

Science News Letter, April 29, 1933

Economics

DISPLACEMENT OF MEN BY MACHINES—Elizabeth Faulkner Baker—*Columbia University Press*, 284 p., \$3.50. Technocultural unemployment is the phrase suggested by the author to designate the phenomenon of labor displacement in the printing industry as well as many other industries. It is explained that this publication, which aims to trace the economic and social fate of manual press feeders displaced by mechanical feeders, is the first that deals both with changing technology and labor displacement in representative plants and with the subsequent economic history of the men displaced. The printing industry with its clicking presses was selected because it has ranked high among those popularly grouped among the man-displacing trades. But as the search proceeded the effects of machine installation became more obscure rather than less so. Dr. Baker is careful to point out that she has considered neither the additional work created by the design and production of the labor-saving machines nor the effects of pressroom mechanization upon the supplying and consuming industries.

Science News Letter, April 29, 1933

Geology

THE JURASSIC SYSTEM IN GREAT BRITAIN—W. J. Arkell—*Oxford Press*, 681 p., 41 pl., \$7.75. This book may well serve as a model for the thorough and complete treatment of a geologic system for a single limited region. After a general preliminary section and a discussion of the tectonics involved, each separate subdivision of the system is taken up seriatim and given exhaustive treatment through text and diagram. There is a bibliography of 48 close-printed pages, and an excellent index.

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Engineering—Geology

FIELD GEOLOGY—Frederic H. Lahee—*McGraw-Hill*, 789 p., \$5. This is the third edition of a well-known text by the former assistant professor of geology at the Massachusetts Institute of Technology, now chief geologist for an oil company. Among the chapters which have been revised to include developments since the second edition in 1923, are those on geophysical sur-

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veying and airplane mapping. The student with a general knowledge of geology as well as the engineer will find this handbook size volume with semi-flexible binding valuable for both field and indoor work.

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Engineering

AIR CONDITIONING FOR COMFORT—Samuel R. Lewis—*Engineering Publications*, 244 p., \$2. What air conditioning is all about is told in a very practical way in a book that will be interesting, informative and readily understandable to those familiar with the engineering terminology of the field. Many different kinds of apparatus for controlling temperature, moisture, motion, distribution and cleanliness of air are described.

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Geology

THE PRINCIPLES OF HISTORICAL GEOLOGY FROM THE REGIONAL POINT OF VIEW—Richard M. Field—*Princeton Univ. Press*, 283 p., \$3.50. Professor Field uses a technique new to geological textbooks. After giving the history of geology with adequate brevity, discussing sedimentary rocks and the technique of matching one stratum with another, he presents to the student descriptions of typical geological provinces in the ascending order of their structural complexity. Thus, Professor Field puts into a textbook, so far as that is possible, the essence of the method that he has developed through the field courses in geology given by the International Summer School of Geology and Natural Resources of which he is director. During the past seven years he has traveled with his classes over 66,000 miles in North America and Europe visiting, among others, the geological provinces that he describes: the Grand Canyon Region, Niagara Falls, the Appalachians, the Northwest Highlands of Scotland, the Alps and Yellowstone Park and Big Horn Basin Region. Ten lithographed folding plates provide adequate maps and diagrams of the regions described and the text illustrations in line are numerous.

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Ethnology

THE STORY OF KALAKA—W. Norman Brown—*Smithsonian Institution*,

149 p., 15 pl., paper \$2, cloth \$2.50. In libraries and museums of India, Europe, and America, Mr. Brown has pursued his quest for manuscripts treating of the Kalaka legend in the Jain religion. This monograph presents his conclusions on the subject he has so closely studied, and gives certain texts and translations. Of special interest are the miniatures, described and pictured, and the outline of the development of Western Indian painting. The work is published by the Freer Gallery of Art of the Smithsonian Institution.

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Horticulture—Cookery

GARDENING WITH HERBS—Helen Morgenthau Fox—*Macmillan*, 334 p., \$3.50. Herb gardening has almost disappeared as a New World art, and it is a pity, both for our sense of history and for our gustatory senses. For there were herb gardens before there were flower gardens, and in those days cooks knew how to dress a dinner more attractively than they seem to know now. The author does the world a service by gathering authentic botany, interesting folklore and mouth-watering recipes—all information about herbs—into one attractive volume.

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Zoology

FAUNA OF THE NATIONAL PARKS OF THE UNITED STATES—G. M. Wright, J. S. Dixon and B. H. Thompson—*Govt. Print. Off.*, iv + 157 p., 20c. This exceedingly useful addition to the growing literature on our national parks is listed as No. 1 of a new Fauna Series of a Wild Life Survey conducted by the Branch of Education and Research of the National Park Service. It is more than an interesting presentation of facts about the animals of the national parks; it sets forth the problems in wild life administration that beset the Service, tells what can be done to meet them under present conditions, and suggests desirable changes that may contribute more effectively to their fuller solution.

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Physics

CONDUCTION OF ELECTRICITY THROUGH GASES, Vol. II, IONISATION BY COLLISION AND THE GASEOUS DISCHARGE—Sir J. J. Thomson and G. P. Thomson—*Macmillan*, 608 p., \$6.50. This is, of course, one of the classics. This volume completes the third edition, the first volume of which was published in 1928. It deals with ionisation by collision and by X-rays and with the properties of electrical discharge in all its forms, glow, spark and arc.

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Economics—Political Science

THE GREAT TECHNOLOGY, SOCIAL CHAOS AND THE PUBLIC MIND—Harold Rugg—*John Day*, 308 p., \$2.50. Labelled "This is not a book on Technocracy," this volume presents a plan for social reconstruction. Dr. Rugg, who is professor of education at Teachers College, Columbia University, suggests a national council of cultural reconstruction to utilize the unemployed cultured and creative workers at a cost of two to three billion dollars a year, stating that if a choice must be made between liquidating banks and liquidating creative youths, it would be wiser to cast the banks into the discard rather than the youths.

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Archaeology

EXTENSIONES CRONOLOGICO-CULTURALES Y GEOGRAFICAS DE LAS CERAMICAS DE MEXICO—Eduardo Noguera—*Talleres Graficos de la Nacion, Mexico, D. F.*, 26 p., 13 pl. Traces development of Mexican pottery from archaic forms into the specialized types of the Aztecs, Mixtecs, Mayas and others. Sr. Noguera presented this study before the International Congress of Americanists in 1932.

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Ethnology

FOOD AND CHARACTER—Louis Berman—*Houghton Mifflin*, 368 p., \$3.50. An interesting book, but the reader should bear in mind that physicians in general do not agree with Dr. Berman's theories.

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