

# • First Glances at New Books

Additional Reviews  
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## Agriculture

**WORLD AGRICULTURE: AN INTERNATIONAL SURVEY**—Oxford, 295 p., \$3.50. A study group of members of the Royal Institute of International Affairs has conducted an exhaustive survey into the state of agriculture throughout the world, so far as data can be obtained. The first part of this report is mainly devoted to an examination of the causes of the fall in price of agricultural products, and the consequent distress among the farmers. Desiderata for ending the agricultural depression are considered in order, and existing mechanisms for international cooperation described. No permanent cure is seen except by a general improvement in economic conditions throughout the world.

*Science News Letter, March 4, 1933*

## Preventive Medicine

**THE CHILD AND THE TUBERCULOSIS PROBLEM**—J. Arthur Myers—Thomas, 230 p., \$3. Important facts about tuberculosis are told simply and forcefully by Dr. Myers, whose idea is that the problem must be attacked through the children. Parents should be particularly interested, as they may learn in this book of many sources of tuberculous infection from which their children need protection. Teachers and school boards will also find the book helpful.

*Science News Letter, March 4, 1933*

## Botany

**PLANTS OF ROCKY MOUNTAIN NATIONAL PARK**—Ruth E. Ashton—Govt. Print. Off., 157 p., 25c. Miss Ashton has made a very happy combination of popular description with scientific completeness and accuracy. Her sectional keys will be of especial value to the botanist summering in the park, while the casual visitor will be able to identify most of the plants that catch his eye by "matching them up" with the many excellent halftone illustrations. There is a bibliography of 39 titles.

*Science News Letter, March 4, 1933*

## Physics-Engineering

**HEAT TRANSMISSION**—William H. McAdams—McGraw-Hill, 383 p., \$5. Sponsored by the Committee on Heat Transmission of the National Research Council, this book by the professor of chemical engineering at the Massachusetts Institute of Technology is designed to serve both as a text for students and as a reference for practicing engineers.

It contains authoritative correlations for the various important cases of heat transfer with thirty-three examples of the application of the recommended relations.

*Science News Letter, March 4, 1933*

## Economics-Technology

**AN OUTLINE OF TECHNOCRACY**—Wayne W. Parrish—Farrar & Rinehart, 242 p., \$2. The author of the articles on technocracy in the New Outlook presents his conception of the principles and data of technocracy.

*Science News Letter, March 4, 1933*

## Psychology

**PERSONALITY**—Marjorie Barstow Greenbie—Macmillan, 328 p., \$2.25. The author confesses that she took as her model "these books which tell you all about personality in one volume, and re-educate you in everything, from the food you eat to your last thought before going to bed," and has written in delightful style her personal observations on the art of living.

*Science News Letter, March 4, 1933*

## Poetry

**THE ARCH OF SPRING**—Paul Southworth Bliss—Author, 48 p., \$1.50. The author is a nature poet of one place; he lives and writes in the country round about St. Louis, but his moods, sometimes whimsical, sometimes purely lyric, fit in all lands where spring comes and where men take joy in woods and gardens. The linoleum-block illustrations by Harold J. Matthews go excellently with the text.

*Science News Letter, March 4, 1933*

## National Parks

**EARLY HISTORY OF YELLOWSTONE NATIONAL PARK AND ITS RELATION TO NATIONAL PARK POLICIES**—Louis C. Cramton—Govt. Print. Off., 148 p., 10c. This pamphlet contains all the essential source material on the discovery, early exploration, and legal creation of Yellowstone National Park, important not only *per se* but as the prototype of all other national parks of this country and of the world.

*Science News Letter, March 4, 1933*

## Education

**THE BEGINNINGS OF THE SOCIAL SCIENCES**—Mary M. Reed and Lula E. Wright—Scribner's, 224 p., \$1.50. A book for teachers of the lower grades. There is an introduction by Patty Smith Hill.

*Science News Letter, March 4, 1933*

## Public Health—Home Economics

**100,000,000 GUINEA PIGS**—Arthur Kallet and F. J. Schlink—Vanguard, 312 p., \$2. Two of the staff of Consumer's Research tell of the dangers they have found lurking in everyday foods, drugs and cosmetics. The book is particularly intriguing because, in addition to writing in a lively, direct style, the authors call the products they are discussing by their familiar, trade names. The book needs to be taken with a grain of salt, however. Occasionally the authors show themselves not immune from the very faults they are criticising. And while it will undoubtedly help if it awakens in you a healthy skepticism concerning the foods, drugs and cosmetics you buy, don't let it give you a phobia on any of these subjects.

*Science News Letter, March 4, 1933*

## General Science

**FOURTEENTH ANNUAL REPORT—Commonwealth Fund**, 79 p. Public health and social workers will be interested to find how the activities of the Commonwealth Fund were carried on in these days of reduced budgets, as told in the annual report.

*Science News Letter, March 4, 1933*

## Psychology

**AN ELEMENTARY PSYCHOLOGY OF THE ABNORMAL**—W. B. Pillsbury—McGraw-Hill, 375 p., \$3. The first edition of a new college text book by a well-known authority.

*Science News Letter, March 4, 1933*

## Home Economics

**U. S. GOVERNMENT PUBLICATIONS USEFUL TO TEACHERS OF HOME ECONOMICS**—Circular No. 50, Office of Education—Department of the Interior, 11 p., free.

*Science News Letter, March 4, 1933*

## Ethnography

**ETHNOGRAPHICAL SURVEY OF THE MISKITO AND SUMU INDIANS OF HONDURAS AND NICARAGUA**—Eduard Conzemius—Government Printing Office, 191 p., 10 pl., 25c.

*Science News Letter, March 4, 1933*

## Mathematics

**INTRODUCTORY COLLEGE ALGEBRA**—H. L. Rietz and A. R. Crathorne—Henry Holt, 305 p., \$1.76. The second and revised edition of an algebra text on the college freshmen level.

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## Mental Hygiene

**MORALE, THE MENTAL HYGIENE OF UNEMPLOYMENT**—George K. Pratt—*National Committee for Mental Hygiene*, 64 p., 25c., discounts on quantity orders. Dr. Pratt's splendid book should be read, not only by the social and case workers, for whom it was written, but by relatives and friends or any others who may come in contact with the unemployed. The book explains clearly and simply just what happens to the feelings and minds of these people and why their feelings make them act as they do. It also gives specific directions for how to help them handle their mental problems which are as vital as their economic ones.

*Science News Letter, March 4, 1933*

## Physics-Meteorology

**ATMOSPHERIC ELECTRICITY**—B. F. J. Schonland—*E. P. Dutton*, 100 p., \$1.10. Containing chapters on the ionization of the atmosphere, penetrating radiation, electric fields and electric currents in the atmosphere and the electrification of thunderstorms, this small monograph will be of value to those who wish to review the recent technical literature in the fields covered.

*Science News Letter, March 4, 1933*

## Agricultural Economics

**THE FARM REAL ESTATE SITUATION, 1931-32**—B. R. Stauber—*Govt. Print. Off.*, 51 p., 5c. This publication (U. S. D. A. Circular No. 261) gives in brief compass the gist of the grimmest problem with which this country has ever been confronted.

*Science News Letter, March 4, 1933*

## Chemistry

**EXPERIMENTAL CHEMISTRY FOR COLLEGES**—J. Allen Harris and William Ure—*McGraw-Hill*, 192 p., \$1.25. A manual of experiments for first year students as evolved in the University of British Columbia.

*Science News Letter, March 4, 1933*

## Archaeology

**THE RUINS OF HOLMUL, GUATEMALA**—Raymond E. Merwin and George C. Vaillant—*Peabody Museum, Harvard Univ.*, 107 p., 36 pl., \$4.50. Dr. Merwin's excavations at this Mayan site made archaeological history. Among other achievements, he established the first ceramic stratigraphy in the Mayan field. Dr. Vaillant, who has completed the report since Dr. Mer-

win's death, writes: "It is a great tragedy that he could not have lived to complete his work and to reap the honors due him for so significant a contribution." Holmul reveals the Mayan culture springing from several local sources, and not from a single prevailing "Archaic" culture, sometimes pictured.

*Science News Letter, March 4, 1933*

## Zoology

**GORILLAS IN A NATIVE HABITAT**—Harold C. Bingham—*Carnegie Inst. (Publ. 426)*, 66 p., 22 pl., paper \$2, cloth \$3. This constitutes a report of the joint expedition of 1929-30 of Yale University and the Carnegie Institution of Washington for psychobiological study of mountain gorillas in Parc National Albert, in the Belgian Congo. The investigators were able to secure much data that is entirely new and unique on the habits and behavior of gorillas.

*Science News Letter, March 4, 1933*

## Psychology

**APPROACHES TO PERSONALITY**—Gardner Murphy and Friedrich Jensen—*Coward-McCann*, 427 p., \$3.75. An American psychologist and a German psychiatrist collaborate in explaining the contribution of the modern schools of psychology to the study of personality and in interpreting some of the schools of thought in the field of personality study.

*Science News Letter, March 4, 1933*

## Psychology

**AMERICAN SOCIAL PSYCHOLOGY**—Fay Berger Karpf—*McGraw-Hill*, 461 p., \$3.50. A history of the development of this study in America and a review of its European backgrounds.

*Science News Letter, March 4, 1933*

## Psychology-Social Work

**PSYCHIATRY AND MENTAL HEALTH**—John Rathbone Oliver—*Scribner*, 330 p., \$2.75. Intended for the parish priest, the social worker, and others not physicians who still must deal with mental illnesses and maladjustments.

*Science News Letter, March 4, 1933*

## Astronomy-Physics

**THE EXPANDING UNIVERSE**—Sir Arthur Eddington—*Macmillan*, 182 p., \$2. See article p. 131.

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## Genetics

**HUMAN STERILIZATION**—J. H. Landman—*Macmillan*, 341 p., \$4. A comprehensive, authoritative discussion of the subject. The legal, social, eugenic and medical aspects are fairly presented. However, Dr. Landman wisely cautions against too much enthusiasm on the subject until more scientific evidence is available.

*Science News Letter, March 4, 1933*

## Anatomy

**DISSECTION OF THE CAT**—Jacob Reighard, H. S. Jennings, Rush Elliott—*Holt*, 106 p., \$1.25. This manual of anatomical dissection should be particularly helpful to student and teacher because it presents two methods of dissection: the system plan, by Reighard and Jennings; and the regional plan, favored in medical schools, by Elliott.

*Science News Letter, March 4, 1933*

## Bacteriology

**THE PHYSIOLOGY OF BACTERIA**—Otto Rahn—*Blakiston*, 438 p., \$6. This book by the professor of bacteriology at Cornell University should be of great value as well as interest to bacteriologists and also, as the author hopes, to plant and animal physiologists. An interesting innovation in the make-up of the book is the combination of bibliography with the author index, the subject index being separate.

*Science News Letter, March 4, 1933*

## Mathematics-Engineering

**STRUCTURAL MECHANICS**—Harrison W. Hayward, Addison F. Holmes and Ralph G. Adams—*McGraw-Hill*, 182 p., \$2.25. A carefully developed text by members of the faculty of the Massachusetts Institute of Technology which combines theories and practical example in its two parts which consider force systems and mechanics of materials.

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