

# • First Glances at New Books

## Astronomy

ASTRONOMY FOR EVERYBODY—Simon Newcomb—*Garden City Publ. Co.*, 334 p., \$1. The old Newcomb book, published in 1902, was one of the most successful popular books on astronomy that has ever appeared. Prof. R. H. Baker of the University of Illinois has gone over it thoroughly, revising the original text and adding new sections to take care of many things undreamed of in the astronomy of a generation ago. And the publishers perform a public service in offering the book at a price that makes it a bargain even in depression times.

*Science News Letter, September 17, 1932*

## Engineering-Public Health

WATER SUPPLY CONTROL—Charles R. Cox—*New York State Department of Health Board of Sanitation*, 118 p., 50c outside New York State. The difficulty of maintaining healthful water supplies, in which the public has built up confidence, is increasing because of the growing pollution of streams, the introduction states. This book is an attempt to maintain present standards by the instruction of operators, for it is held that a good operator is even more important than the newest equipment. The subject is covered concisely, but completely.

*Science News Letter, September 17, 1932*

## General Science-Education

AMERICA IN THE MACHINE AGE—Louis Weinberg—*Heath*, 346 p., \$1. A presentation for classroom use of problems before America today. History of science, economic history, conservation of resources and events during and since the World War are material drawn on.

*Science News Letter, September 17, 1932*

## Geology

PENNSYLVANIA CAVES—Ralph W. Stone—*Pa. Topographic and Geologic Survey, Harrisburg*, 143 p. A second edition, revised and enlarged, of a comprehensive account of Pennsylvania's many beautiful and interesting caverns.

*Science News Letter, September 17, 1932*

## Ethnology-Archaeology

BUREAU OF AMERICAN ETHNOLOGY—47th Annual Report, 1929-1930—*Government Printing Office*, 1108 p., \$2.25. Additional to a short administrative report by M. W. Stirling, chief of the bureau, this Smithsonian Institution publication contains a paper on the Acoma Indians by Leslie A. White, a

detailed study of Isleta, New Mexico, culture by Elsie Clews Parsons, and four comprehensive papers on the Zuni by Ruth L. Bunzel.

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## Geophysics

PHYSICS OF THE EARTH—V: OCEANOGRAPHY—Subsidiary Committee on Oceanography—*National Research Council*, 581 p., \$5. The science of the sea has heretofore been considered largely from the standpoint of biology or navigation. In this fundamental summary of oceanography sixteen authorities consider various aspects of the geophysics of the ocean. As the fifth volume of the important series of National Research Council Bulletins on the Physics of the Earth, it will serve the useful purpose of presenting a systematic summary of its subject to scientists who are not necessarily specialists in this particular field. It is issued as Bulletin No. 85 of the National Research Council.

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## Sociology

SOCIAL CHANGES IN 1931—Edited by William F. Ogburn—*Univ. of Chicago Press*, 142 p., \$1. A useful survey of civilization's progress during the year. This is one of a series of surveys which will have historical as well as current interest.

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## Physics

ELEMENTS OF THE THEORY OF RESONANCE—E. W. Brown—*Cambridge Univ. Press*, 60 p., \$1.25. Prof. Brown, the Yale mathematician, describes and analyzes in this pamphlet the phenomena which are peculiar to resonance. Although this subject is of fundamental importance in many mechanical problems, it has received but little attention in the textbooks.

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## Bacteriology

A TEXTBOOK OF BACTERIOLOGY—K. L. Burdon—*Macmillan*, 542 p., \$2.75. A good, connectedly-written textbook suitable for beginning college classes, pre-medical students, nurses, etc.

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## Engineering-Sociology.

PLANNING FOR RESIDENTIAL DISTRICTS—Edited by John M. Gries and James Ford—*The President's Conference on Home Building and Home Ownership*, 227 p., \$1.15. President Hoover in the foreword of this first volume published by the Conference states: "The next great lift in elevating the living conditions of the American family must come from a concerted and nationwide movement to provide new and better homes." City planning and zoning, subdivision layout, utilities for houses and landscape planning and planting are considered in the reports of this volume. The President's Conference of December, 1931, will have its committee reports issued in a total of eleven volumes.

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## Engineering

SCHOOL VENTILATION PRINCIPLES AND PRACTICES—New York Commission on Ventilation—*Teachers College, Columbia University*, 73 p., \$1. The window-gravity method of ventilation for school classrooms (in the absence of specific unfavorable local conditions) is as efficient as the fan system and is generally more satisfactory, concludes the final technical report of work supported by the Milbank Memorial Fund. Law and code makers, educational authorities and architects will find this report worthy of serious consideration.

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## Ornithology

ORNITHOLOGY OF THE ONEIDA LAKE REGION: WITH REFERENCE TO THE LATE SPRING AND SUMMER SEASONS—Dayton Stoner—*Roosevelt Wild Life Forest Experiment Station, Syracuse*, 497 p., 2 pl., 1 map; \$1.25. Field students of birds and their ways will welcome this new addition to the *Roosevelt Wild Life Annals* series.

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## Engineering

REFRIGERATING DATA BOOK AND CATALOG—*American Society of Refrigerating Engineers*. 562 p., \$3.50. A branch of engineering which has rapidly sprung into prominence in the past few years orients itself. This is the profession's first handbook. The Society plans to publish new editions every other year.

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