

# ° First Glances at New Books

## Archaeology—Ethnology

THE SKY-RELIGION IN EGYPT, ITS ANTIQUITY AND EFFECTS—G. A. Wainwright—*Cambridge (Macmillan)*, 121 p., plates, \$2.75. The author presents evidence for the theory that an archaic religion persisted in Egypt, forcing a number of Pharaohs into the role of divine agents for weather control, and leading the unfortunate kings to their death.

*Science News Letter, January 7, 1939*

## Engineering

WHAT ENGINEERS DO; ENGINEERING FOR EVERYMAN (Rev. ed.)—Walter D. Binger—*Norton*, 304 p., \$2.75. A survey of civil engineering, covering materials, structures, sanitary engineering and other phases of the work.

*Science News Letter, January 7, 1939*

## Physics

THE HYDROGENATION - CRACKING OF TAR. Part IV. THE PRODUCTION OF AROMATIC HYDROCARBONS FROM PHENOLS AT ATMOSPHERIC PRESSURE—H. E. Newall—*Brit. Lib. of Inf.*, 55 p., 40c.

*Science News Letter, January 7, 1939*

## History

HISTORY OF THE PACIFIC COAST OF NORTH AMERICA—John Walton Caughey—*Prentice-Hall*, 429 p., \$4.50. A nicely written text dealing vividly with the development of the West from Panama to Alaska. It is the first book to relate this particular segment of history, with the exception of Bancroft's 39-volume work.

*Science News Letter, January 7, 1939*

## Education

A STUDY OF EDUCATION IN THE CIVILIAN CONSERVATION CORPS CAMPS OF THE SECOND CORPS AREA—Samuel F. Harby—*Edwards*, 264 p., \$1.50. An analysis of the situation in CCC camps, with suggestions for change in policy to make education, rather than work, the primary goal of the camps. The camps are found offering unique educational possibilities, with a chance to conserve human as well as natural resources.

*Science News Letter, January 7, 1939*

## Anthropology

THE POTTERY OF SANTO DOMINGO PUEBLO—Kenneth M. Chapman—*Laboratory of Anthropology, Santa Fé, N. M.*, 192 p., illus., \$4. Color plates, many of them, are a feature of this monograph. The beautiful Indian designs shown in such quantity and soft colors have proved a hard problem for the

author. Four times the monograph has been printed, in the effort to show the precise tones of buff and brownish red seen on the Indian wares. The text analyzes the technology and decoration of the pottery.

*Science News Letter, January 7, 1939*

## Hygiene

INDUSTRIAL HYGIENE — Laurence B. Chenoweth and Willard Machle—*Crofts*, 235 p., \$2. Designed as a text for students of engineering and industrial hygiene, the book should, as the authors hope, be helpful to engineers and plant managers by providing both specific, practical information and also a general conception of the entire problem of industrial hygiene.

*Science News Letter, January 7, 1939*

## Bibliography

OCCUPATIONS AND VOCATIONAL GUIDANCE; A SOURCE LIST OF PAMPHLET MATERIAL (3rd ed.)—Wilma Bennett, comp.—*Wilson*, 160 p., \$1.25.

*Science News Letter, January 7, 1939*

## General Science

YEAR BOOK No. 37—*Carnegie Institution of Washington*, 432 p., \$1, paper, \$1.50 cloth. See SNL, Dec. 17.

*Science News Letter, January 7, 1939*

## Engineering

FUNDAMENTAL ELECTRONICS AND VACUUM TUBES—Arthur Lemuel Albert—*Macmillan*, 422 p., \$4.50. This text, one of the Engineering Science series, starts with a comparatively brief treatment of fundamental electronics and deals principally with the engineering of the many uses to which electrons in vacuum tubes have been put.

*Science News Letter, January 7, 1939*

## Archaeology

THE GILDING PROCESS AND THE METALLURGY OF COPPER AND LEAD AMONG THE PRE-COLUMBIAN INDIANS — Paul Bergsøe—*Danmarks Naturvidenskabelige Samfund, Kobenhavn*, 58 p., 5 plates, 2 kroner. Finding a large quantity of half-finished objects in Ecuador enabled Dr. Bergsøe to reconstruct the metallurgical processes known to Indians in that region. This publication, the second, deals with pre-Columbian lead and explains the technique of gilding copper.

*Science News Letter, January 7, 1939*

## Technology

FOUNDRY WORK—William C. Stimpson and Burton L. Gray—*Amer. Tech. Soc.*, 216 p., \$2.

*Science News Letter, January 7, 1939*

## Engineering

AMERICAN HIGHWAYS AND ROADSIDES—Jac L. Gubbels—*Houghton*, 94 p., illus., \$2.75. This book covers the principles of location and construction of the modern highway, the road off which you can run at a thirty degree angle, cross the "cradle rocker" drain and strike the fence without danger of turning over. Layout, landscaping and safety practices are explained.

*Science News Letter, January 7, 1939*

## Archaeology

TYPOLGY OF LITHIC ARTIFACTS—E. B. Renaud—*Texas Archeological and Paleontological Society*, 35 p., 55c. Under a technical sounding title, Prof. Renaud has written a plain and easily understood lesson in the logical classification of stone arrow points, grinding stones, and other implements. It is intended to help students and amateur archaeologists.

*Science News Letter, January 7, 1939*

## Botany

TREE GROWTH — Daniel T. MacDougal—*Chronica Botanica, Leiden, and Stechert, New York*, 240 p., \$4.50. Records of a great deal of painstaking and ingenious work, by a pioneer in the exact quantitative study of growth rates in woody plants. It constitutes the first volume in a new series of books on plant science, to be published under the editorship of Frans Verdoorn.

*Science News Letter, January 7, 1939*

## Anthropology

THE SHERBRO OF SIERRA LEONE—H. U. Hall—*Univ. of Pennsylvania*, 51 p., illus., \$2. A preliminary report on an expedition to West Africa in 1937. Secret societies are an outstanding feature of the life described.

*Science News Letter, January 7, 1939*

## Technology

PATTERN MAKING—James Ritchey—*Amer. Tech. Soc.*, 233 p., \$2.

*Science News Letter, January 7, 1939*

## Engineering

A. S. T. M. STANDARDS ON TEXTILE MATERIALS—*American Society for Testing Materials*, 323 p., \$2.

*Science News Letter, January 7, 1939*

## Anthropology

ANTHROPOMETRY OF THE OVIMBUNDU, ANGOLA—Wilfrid D. Hambly—*Field Museum of Natural History*, 79 p., 30 plates, \$1. Measurements of males in this West African tribe are reported and compared with data on adjacent tribes.

*Science News Letter, January 7, 1939*