

# ● First Glances at New Books

## Archaeology

EXCAVATING KIRJATH-SEPHER'S TEN CITIES—Melvin Grove Kyle—*W. B. Eerdmans Pub. Co., Grand Rapids, Mich.*, 203 p., \$2.50. A book on Biblical archaeology that is readable as well as instructive, and that will appeal to the intelligent layman who wants to know more about the unearthing of Bible cities. The subject is the excavation of a single site, but the theme is elaborated with much background information on the life of the Canaanites and Israelites, the history of the land, and the modern archaeological methods of re-discovering the past. The volume is made up of the James Sprunt Lectures delivered by the late Dr. Kyle at Union Theological Seminary, Richmond, in 1932.

*Science News Letter, April 7, 1934*

## Geography

PRINCIPLES OF HUMAN GEOGRAPHY—Ellsworth Huntington and Sumner W. Cushing—*John Wiley*, 467 p., \$3. This is the fourth edition of a complete geography for those who think, emphasizing the human relationships. The publishers suggest it as a text for normal schools and colleges where an advanced treatment of the general principles of geography is desired, but any intelligent person who wishes to know and keep abreast of his world will read it with pleasure and profit.

*Science News Letter, April 7, 1934*

## Biophysics

SUR L'EXCÉDENT DE PUISSANCE DES OISEAUX—A. Magnan and A. Planiol—*Hermann et Cie (Paris)*, 25 p., 8 fr. An examination of the strength of birds' wings, using physical and engineering methods.

*Science News Letter, April 7, 1934*

## Biophysics

SUR L'EXCÉDENT DE PUISSANCE DES INSECTES—A. Magnan and A. Planiol—*Hermann et Cie (Paris)*, 26 p., 8 fr. A study similar to the foregoing, on insects.

*Science News Letter, April 7, 1934*

## Cosmothology

CREATION'S DOOM — Desiderius Papp, transl. by H. J. Stenning—*Appleton-Century*, xii+288 p., \$3. A comprehensive, if slightly turgid, gathering-up of all the doomsdays that have been imagined: solar explosion, cometary collision, final freezing, and all the rest. At the end he leaves the earth to in-

sects, then to unicellular organisms as big as "wolves or horses," finally to complete sterility and the last flaming embrace of the exploding sun.

*Science News Letter, April 7, 1934*

## Education-Recreation

THE THEORY OF PLAY—Elmer D. Mitchell and Bernard S. Mason—*Barnes*, 547 p., \$2.80. Discusses the historical background, the theory, and the need for play, with a fourth large section of the volume devoted to the administration of play activities. Intended as an aid in the planning of future recreational standards.

*Science News Letter, April 7, 1934*

## Education

THE SECONDARY-SCHOOL POPULATION—Grayson N. Kefauver, Victor H. Noll, and C. Elwood Drake—*U. S. Govt. Print. Off.*, 58 p., 10c. Fully half the boys and girls of high school age in the United States are enrolled in high schools. The survey reported here secured information about these young people. A monograph of the National Survey of Secondary Education.

*Science News Letter, April 7, 1934*

## Physics

FIVE HUNDRED PROBLEMS IN OPTICS—*Fred H. Perrin*, 37 p. 90c. Intended to supplement the textbook "The Principles of Optics," by Arthur C. Hardy and the author, this publication incidentally demonstrates the effectiveness of lithography for the production in typescript facsimile of scientific material.

*Science News Letter, April 7, 1934*

## Technology

THE PHYSICAL PROPERTIES OF LUMBER—G. F. Ivey—*Southern Pub. Co. (Hickory, N. C.)*, x+263 p., \$1.50. Out of the lessons of his many years of experience as a furniture manufacturer, the author has distilled a very practical handbook containing much information not to be found in as convenient a form elsewhere. He treats of the properties of woods, the grading, weight, hardness, shrinkage and strength of lumber, its production, and the principal species of lumber-yielding trees.

*Science News Letter, April 7, 1934*

## Engineering

INDUSTRIALIZED RUSSIA — Alcan Hirsch—*Chemical Catalog*, 309 p., \$3. An American engineer who held high office with the Soviets makes an engineer's report of the industrialization of Russia comparing present achievement with the past in Russia rather than with the present acme of technology in the United States. Business, government, finance, law, living conditions, education and religion are also covered from the same detached, analytical point of view. One who has not been to Russia feels that this is a book which gives one of the truest pictures so far published of that country today.

*Science News Letter, April 7, 1934*

## Radio

THE RADIO AMATEUR'S HANDBOOK—Headquarters staff of A. R. R. L.—*American Radio Relay League*, 238 p., \$1. Chapter headings best explain the contents of this very useful book intended both as a reference work for member-operators of the American Radio Relay League and other skilled amateurs and as a source of information to those wishing to participate in amateur activities. They are: the story of amateur radio, getting started, electrical fundamentals, radio fundamentals, receivers, monitors and frequency meters, planning and building transmitters, radiotelephony, ultra-high frequencies, power supply, keying and interference elimination, antenna systems, assembling the station, the A. R. R. L. communications department, operating a station, message handling.

*Science News Letter, April 7, 1934*

## Psychology

THE PSYCHOLOGY OF ADOLESCENCE—*Karl C. Garrison*—*Prentice-Hall*, 377 p., \$3. This work has a dual purpose, to serve the interests of college students who may themselves still be within the adolescent group, and to aid those entrusted with the care and guidance of the young. The author is professor of psychology at North Carolina State College of the University of North Carolina.

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