

# • First Glances at New Books

## Physics

**THERMODYNAMICS**—Enrico Fermi—*Prentice-Hall*, 160 p., \$3. This elementary treatise by the professor of physics at the University of Rome, Italy, is an outgrowth of his course of lectures given at Columbia University during the summer of 1936.

*Science News Letter, October 16, 1937*

## Agricultural Engineering

**PLANS OF FARM BUILDINGS FOR NORTHEASTERN STATES**—U. S. Dept. Agriculture—*Govt. Print. Off.*, 128 p., illus., 30 c. This highly practical book of plans and perspectives tells how to build not only houses and barns but such accessory structures as refrigerators and spring-houses, cattle chutes and pigsties, and even how to lay out a baseball diamond.

*Science News Letter, October 16, 1937*

## Ethnology

**CHINA AT WORK**—Rudolf P. Hommel—*John Day*, 366 p., illus., \$5. Even if China were not "news" today, this book would still hold the interest of almost any one who picked it up. It describes—with fascinating detail and pictures on almost every page—how the Chinese make their homes and their candles, their straw footwear and bulky spectacles. Tools are the theme of the book.

*Science News Letter, October 16, 1937*

## Biology

**A TEXTBOOK OF GENERAL BIOLOGY** (2d ed.)—E. Grace White—*Mosby*, 667 p., illus., \$3. A new and revised edition of a successful textbook.

*Science News Letter, October 16, 1937*

## Sociology

**RECENT TRENDS IN RURAL PLANNING**—William E. Cole and Hugh Price Crowe—*Prentice-Hall*, 579 p., illus., \$3.50. A handbook for workers in this field and an informative volume for the layman by two members of the faculty at the University of Tennessee.

*Science News Letter, October 16, 1937*

## Sociology

**RESEARCH MEMORANDA IN THE DEPRESSION: BULL. 27: CRIME**—Thorstein Sellin, 133 p., BULL. 28: EDUCATION—The Educational Policies Commission, 173 p., BULL. 29: FAMILY—Samuel A. Stouffer and Paul F. Lazarsfeld, 221 p., BULL. 30: INTERNAL MIGRATION—Warren S. Thompson, 86 p., BULL. 31: MINORITY PEOPLES—Donald Young, 252 p., BULL.

32; RECREATION—Jesse F. Steiner, 124 p., BULL. 33: RELIGION—Samuel C. Kincheloe, 158 p. BULL. 34: RURAL LIFE—Dwight Sanderson, 169 p. BULL. 35: SOCIAL ASPECTS OF CONSUMPTION—Roland S. Vaile, 86 p., BULL. 36: SOCIAL ASPECTS OF HEALTH IN THE DEPRESSION—Selwyn D. Collins and Clark Tibbitts, 192 p. BULL. 37; SOCIAL ASPECTS OF READING—Douglas Waples, 228 p., BULL. 38; SOCIAL ASPECTS OF RELIEF POLICIES—R. Clyde White and Mary K. White, 173 p., BULL. 39; SOCIAL WORK—F. Stuart Chapin and Stuart A. Queen, 134 p., *Social Science Research Council*. \$1 per vol., \$10 set. A series designed to stimulate research on effects of the great economic depression, each prepared by experts in their particular field.

*Science News Letter, October 16, 1937*

## Paleontology

**THE FORT UNION OF THE CRAZY MOUNTAIN FIELD, MONTANA AND ITS MAMMALIAN FAUNAS**—George Gaylord Simpson—*Govt. Print. Off.* 287 p., illus., 45c See page 255.

*Science News Letter, October 16, 1937*

## Chemistry

**A HUNDRED YEARS OF CHEMISTRY**—Alexander Findlay—*Macmillan*, 352 p., \$4.25. In this volume, the professor of chemistry at the University of Aderdeen, rounds up the chemical progress of the last century. While written so that it is comprehensible to an intelligent layman, it has the virtue of serving more advanced students with copious foot notes and specific references from the literature.

*Science News Letter, October 16, 1937*

## Physics

**SOUND**—Arthur Taber Jones—*Van Nostrand*, 450 p., illus., \$3.75. This textbook on sound, by the professor of physics at Smith College, is designed for second-year students who have already had an introductory course in physics. It is suitable for physics majors and for engineering students. A liberal use of footnotes with references to the literature is extremely helpful.

*Science News Letter, October 16, 1937*

## Chemistry

**CHEMICAL LABORATORY MANUAL** (3rd ed.) PREPARED TO ACCOMPANY BOGERT'S "FUNDAMENTALS OF CHEMISTRY," FOURTH EDITION, REV.—L. Jean Bogert—*Saunders*, 142 p., \$1.

*Science News Letter, October 16, 1937*

## Photography

**PHOTOGRAPHIC AMUSEMENTS: INCLUDING TRICKS AND UNUSUAL OR NOVEL EFFECTS OBTAINABLE WITH THE CAMERA** (11th ed.)—Frank R. Fraprie and Florence C. O'Connor—*American Photographic Publishing Co.*, 247 p., illus., \$3.50. Beautifully illustrated, fascinating in content, and including a considerable amount of new material, is this revised edition of a popular book on unusual photographic techniques.

*Science News Letter, October 16, 1937*

## Psychology

**PSYCHOLOGY OF PERSONALITY**—Ross Stagner—*McGraw-Hill*, 465 p., \$3.50. Not a popularly written book, but an authoritative one on a subject of very wide interest.

*Science News Letter, October 16, 1937*

## Electricity—Juvenile

**ELECTRICAL OCCUPATIONS**—Lee M. Klinefelter—*Dutton*, 227 p., illus., \$2. Written in a conversational style reporting talks of a boy named Bill and his father, this book describes the fields of electrical engineering.

*Science News Letter, October 16, 1937*

## Economics

**OUR CITIES: THEIR ROLE IN THE NATIONAL ECONOMY**—National Resources Committee—*Govt. Print. Off.*, 88 p., maps, 50 c. A broad survey of the many problems that concern our urban population, full of facts, in text and diagrams, that point toward recommendations for legislation and other action.

*Science News Letter, October 16, 1937*

## Finance

**INVESTMENT TRUSTS AND FUNDS FROM THE INVESTOR'S POINT OF VIEW**—E. C. Harwood and Robert L. Blair—*Amer. Inst. for Econ. Research*, 102 p., \$1. Presented as a guide for the average man who has a few hundred dollars or more to invest.

*Science News Letter, October 16, 1937*

## Engineering

**THE STORY OF TUNNELS**—Archibald Black—*Whittlesey House*, 245 p., \$2.75. Subways, underwater tunnels, tunnels through mountains, freight tunnels, vehicular ones, water pipelines run through solid rock or quicksand, tunnels that the Romans built—right up to the Lincoln Tunnel being pushed below the Hudson River from Manhattan to Weehawken. Popularly written with many illustrations.

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