

# Books of the Week

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ANNUAL REPORT OF THE SECRETARY OF THE INTERIOR—*Govt. Printing Office*, 427 p., illus., paper, \$1.00.

BASIC ELECTRICAL ENGINEERING. George F. Corcoran—*Wiley*, 449 p., illus., \$4.50. A textbook intended for preparatory courses in electrical engineering.

BEADS OF METEORIC IRON FROM AN INDIAN MOUND NEAR HAVANA, ILLINOIS—Robert M. Grogan—*Illinois State Museum* (reprinted from *American Antiquity*), 5 p., illus., paper, free upon request to publisher, Springfield, Illinois.

BITS THAT GROW BIG: The Story of Plant Reproduction—Irma E. Webber—*William R. Scott*, 64 p., illus., paper, \$1.50. A delightful juvenile book concerned with plants and their reproduction. Many experiments to perform. Exceptionally well illustrated.

CARDIAC CATHETERIZATION IN CONGENITAL HEART DISEASE—Andre Cournand, Janet S. Baldwin and Aaron Himmelstein—*Commonwealth*, 108 p., illus., \$4.00. The technique of cardiac catheterization as a means of diagnosing congenital anomalies of the heart and large vessels is presented. Well illustrated.

CURRENT TRENDS IN SOCIAL INSURANCE LEGISLATION—Harry G. Waltner, Jr.—*Industrial Hygiene Foundation*, 9 p., paper, free upon request to publisher, 4400 Fifth Avenue, Pittsburgh 13, Pa.

DEVELOPMENT OF A BLISTER RUST CONTROL POLICY FOR THE NATIONAL FORESTS IN THE INLAND EMPIRE—Donald N. Matthews and S. Blair Hutchison—*U. S. Dept. of Agriculture, Northern Region*, 116 p., illus., paper, free upon request to publisher, Federal Building, Missoula, Montana. A technical report intended to provide guidelines for national forest administration in the white pine belt.

EXPLORING FOR MUSHROOMS, Series No. 3—Virginia S. Eifert—*Illinois State Museum*, 45 p., illus., paper, free upon request to publisher, Springfield, Illinois. An introduction to a few of the commoner mushrooms found in Illinois and the central states.

FETAL AND NEONATAL DEATH—Edith L. Potter and Fred L. Adair—*University of Chicago Press*, 173 p., illus., \$3.75. A revision of a work first published in 1937. Brought completely up to date, with new section on the Rh factor and the effect of maternal German measles on the fetus.

FOUNDATIONS OF MODERN PHYSICS—Thomas B. Brown—*Wiley*, 2nd ed., 391 p., illus., \$5.00. Modern physics is made understandable without using advanced mathematics. Includes recent advances in physical knowledge.

HISTORICAL INTRODUCTION TO MODERN PSYCHOLOGY—Gardner, Murphy—*Harcourt Brace*, rev. ed., 466 p., \$6.00. Revised to bring the discussions of the modern period up to date. Written from the author's perspective without any special attempt at objectivity.

HOW GOOD ARE TESTING METHODS FOR CONSUMER-USED TEXTILES?—Jules Labarthe, Jr.—*American Standards Association*, 3 p., illus., paper, free upon request to Mellon Institute of Industrial Research, Pittsburgh 13, Pa.

HOW TO TELL YOUR CHILD ABOUT SEX—James L. Hymes, Jr.—*Public Affairs Committee*, 32 p., illus., paper, 20 cents. Provides simple answers, in terms that will be helpful to parents, to the specific questions that children ask.

ILLINOIS MAMMALS—Virginia S. Eifert—*Illinois State Museum*, 38 p., illus., paper, free of charge upon request to publisher, Springfield, Illinois. Description of the animals in the Illinois State Museum.

ILLINOIS RECORDS OF 1000 A.D.—Thorne Deuel—*Illinois State Museum*, 230 p., illus., paper, free upon request to publisher, Springfield, Illinois. These records are not written but consist of such revealing objects as tools, ornaments, and human skeletons.

INTELLECTUAL ABILITIES IN THE ADOLESCENT PERIOD—David Segel—*Govt. Printing Office*, 41 p., illus., paper, 15 cents. A study and analysis on the secondary school level based in part on the results of Army aptitude tests adapted for secondary schools.

AN INTRODUCTION TO CHEMICAL SCIENCE—William H. Hatcher—*Wiley*, 2nd ed., 449 p., illus., \$4.00. Extensively revised emphasizing the fundamentals of chemical composition and reaction. Includes new material on modern developments in plastics, and a consideration of chemistry in the home.

INTRODUCTORY FOODS—Osee Hughes—*Macmillan*, rev. ed., 575 p., illus., \$4.25. For college freshmen and sophomores. Revised to include more basic recipes and methods for using them.

INVITATION TO BIRDS—Virginia S. Eifert—*Illinois State Museum*, 64 p., illus., paper, free upon request to publisher, Springfield, Illinois. Report on a few of the well known birds in Illinois. Well illustrated.

MAGAZINES IN THE UNITED STATES—James Playsted Wood—*Ronald*, 312 p., illus., \$4.00. A chronological history showing the social and economic influence of magazines in the United States.

MOSSES OF GUATEMALA: Fieldiana: Botany, Volume 25—Edwin B. Bartram—*Chicago Natural History Museum*, 442 p., illus., paper, \$4.00. A realistic analysis of the mosses of a restricted tropical American country.

OKINAWA: THE LAST BATTLE: The U. S. Army in World War II, The War in the Pacific—Roy E. Appleman and others—*Govt. Printing Office*, 529 p., illus., \$6.00. A detailed report of the last battle in the Pacific. Excellent illustrations.

PHOTOSYNTHESIS IN PLANTS: A monograph of the American Society of Plant Physiologists—James Franck and W. E. Loomis, Eds.—*Iowa State College Press*, 500 p., illus., \$7.00. A report of 34 leading authorities and principal research workers on their latest findings.

QUANTUM MECHANICS—Leonard I. Schiff—*McGraw-Hill*, 404 p., illus., \$5.50. A text for graduate students already familiar with atomic structure.

RELATIVITY FOR THE MAN IN THE STREET—Laban Lacy Rice—*Cumberland University Press*, 104 p., illus., \$1.75. An attempt to

put the relativity theory into language understandable to the general public. The author has succeeded in making a presentation without mathematics, but while it is not learned, it may still be difficult for many to understand.

THE STORY OF ILLINOIS—Virginia S. Eifert—*Illinois State Museum*, 2nd rev. ed., 19 p., illus., paper, free upon request to publisher, Springfield, Illinois. History and prehistory.

TABLES OF GENERALIZED SINE- AND COSINE-INTEGRAL FUNCTIONS, Part I.—Staff of the Computation Laboratory—*Harvard University Press*, 462 p., illus., \$10.00. These tables, which are carried to the sixth decimal place, are computed by the Automatic Sequence Controlled Calculator.

TABLES OF GENERALIZED SINE- AND COSINE-INTEGRAL FUNCTIONS, Part II.—Staff of the Computation Laboratory—*Harvard University Press*, 560 p., illus., \$10.00.

THIS IS READING—*Association for Childhood Education*, 40 p., paper, 75 cents. A bulletin on how and when to teach children to read.

T.V.A. ON THE JORDAN—James B. Hays and A. E. Barreket—*Public Affairs Press*, 114 p., illus., paper, \$5.00. A report on proposals for irrigation and hydroelectric development in Palestine.

TWENTY-NINTH ANNUAL REPORT OF THE NATIONAL ADVISORY COMMITTEE FOR AERONAUTICS, 1943: including technical reports nos. 752 to 773. *Govt. Printing Office*, 446 p., illus., \$3.25. An extensive report on military effectiveness of America's aeronautical weapons.

VISION THE MINK—John and Jean George—*Dutton*, 184 p., illus., \$2.50. Authentic-nature lore written with drama and warm understanding. Primarily for teen-agers who love the out-of-doors.

Science News Letter, April 9, 1949

## Telephone Shoulder Cradle

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