

Books of the Week

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- ADVENTURE INTO THE UNKNOWN: The First Fifty Years of the General Electric Research Laboratory**—Laurence A. Hawkins—*Morrow*, 150 p., illus., \$3.50. Depicts the development of General Electric's Research Laboratory.
- AIRWAYS ABROAD: The Story of American World Air Routes**—Henry Ladd Smith—*University of Wisconsin Press*, 355 p., illus., \$4.00. The story of America's merchant air fleet and of the men who pioneered the caravan routes of the air age.
- ANNUAL REPORT 1949—The Rockefeller Foundation**, 462 p., illus., paper, free upon request to publisher, 49 West 49th St., New York, N. Y. Report on the research advancements in the natural sciences, the social sciences and the humanities which were supported by the foundation in 1949.
- BATS FROM NEW CALEDONIA, THE SOLOMON ISLANDS, AND NEW HEBRIDES**—Colin Campbell Sanborn and A. J. Nicholson—*Chicago Natural History Museum*, 25 p., illus., paper, 40 cents.
- BETTER HEALTH THROUGH BETTER RICE**—*Williams-Waterman Fund*, 36 p., illus., free upon request to publisher, 405 Lexington Ave., New York 17, N. Y. Outlines the Philippine program and the steps that may be taken to improve the health of millions of people in the rice-eating nations of the world. (See SNL, Oct. 28, 1950, p. 277.)
- THE CARE AND BREEDING OF LABORATORY ANIMALS**—Edmond J. Farris, Ed.—*Wiley*, 515 p., illus., \$8.00. Among the animals considered are the rat, opossum, monkey, rabbit, cat, mouse, hamster, and drosophila.
- CHARLES DARWIN'S AUTOBIOGRAPHY: With His Notes and Letters Depicting the Growth of the Origin of Species**—Francis Darwin, Ed. *Schuman*, 266 p., \$3.50. Presents the essential material found in Charles Darwin's original three-volume work which has long been out of print.
- CURRENT TRENDS IN THE RELATION OF PSYCHOLOGY TO MEDICINE**—Wayne Dennis and others—*University of Pittsburgh Press*, 189 p., \$3.75. Eight lectures under the auspices of the University of Pittsburgh's Department of Psychology delivered during Feb. 9-10, 1950, in the Stephen Collins Foster Memorial.
- THE EFFECTS OF ATOMIC WEAPONS**—Samuel Glasstone, Executive Editor—*McGraw-Hill*, 456 p., illus., \$3.00. A commercial edition of the original Gov't. Printing Office publication. See SNL, Aug. 19, pp. 122, 127, and Aug. 26, p. 143.
- EXPERIMENTS IN PHYSICAL CHEMISTRY**—Otto F. Steinbach and Cecil V. King—*American*, 250 p., illus., \$3.50. A wide variety of experiments accompanied by brief theoretical introductions is presented.
- FOREST PRODUCTS RESEARCH GUIDE**—Standing Committee on Products and Research—*National Lumber Manufacturers Association*, 4th ed., 335 p., paper, \$5.00. A volume listing research agencies and their activities.
- FUNCTIONAL ANATOMY OF THE VERTEBRATES**—Daniel P. Quiring—*McGraw-Hill*, 624 p., illus., \$5.50. Various systems of the chordate animal are presented. An advanced college text.
- FUNDAMENTALS OF OPTICS**—Francis A. Jenkins and Harvey E. White—*McGraw-Hill*, 2nd ed., 647 p., illus., \$7.00. A college text brought up-to-date.
- A GENERAL KINETIC THEORY OF LIQUIDS**—M. Born and H. S. Green—*Cambridge University Press*, 98 p., illus., \$2.25. A general outline of the statistical theory consisting of six articles originally appearing in the *Proceedings of the Royal Society*.
- GENERAL PROCEDURE FOR MANUFACTURING SWISS CHEESE**—George P. Sanders, Lloyd A. Burkey and Harry R. Lochry—*Gov't. Printing Office*, U. S. Dept. of Ag. Circ. No. 851, 18 p., illus., paper, 10 cents.
- HIGH-SPEED COMPUTING DEVICES**—Staff of Engineering Research Associates—*McGraw-Hill*, 451 p., illus., \$6.50. Presents various mathematical methods and the physical mechanisms which have been developed for use in automatic computation.
- HOW TO SURVIVE AN ATOMIC BOMB**—Richard Gerstell—*Combat Forces Press*, 150 p., illus., \$1.95; paper bound edition, *Bantam Books*, 149 p., illus., paper, 25 cents. A book about how you might save your life in case atomic bombs fall. Authoritative, it is available both in a hard cover edition and a newsstand edition. The author is a consultant to the Civil Defense Office of the National Security Resources Board.
- IMPORTED VARIETIES OF DATES IN THE UNITED STATES**—Roy W. Nixon—*Gov't. Printing Office*, U. S. Dept. of Ag. Circ. No. 834, 144 p., illus., paper, 40 cents.
- INTERNAL COMBUSTION ENGINES: Analysis and Practice**—Edward F. Obert—*International Textbook Co.*, 2nd ed., 596 p., illus., \$7.25. A text written for engineering students.
- INTERNATIONAL RELATIONS: In the Age of the Conflict Between Democracy and Dictatorship**—Robert Strausz-Hupe and Stefan T. Possony—*McGraw-Hill*, 947 p., illus., \$6.00. The question of the survival or collapse of Western civilization is discussed. One of a political science series.
- INTRODUCTION TO ALGEBRAIC GEOMETRY**—W. Gordon Welchman—*Cambridge University Press*, 349 p., illus., \$4.50. An advanced college text.
- LAWN PROBLEMS OF THE SOUTHWEST: With Supplemental Information on the Selection, Transplanting, and Care of Trees and Shrubs for the Home**—Howard J. Dittmer—*University of New Mexico Press*, 76 p., illus., paper, \$1.00.
- A MIDDLE DEVONIAN OCTACTINELLID SPONGE FROM NEW YORK**—Eugene S. Richardson, Jr.—*Chicago Natural History Museum*, 9 p., illus., paper, 25 cents. A specimen of a fossil sponge is described.
- MINERAL COMMODITIES OF CALIFORNIA: Geologic Occurrence, Economic Development, and Utilization of the State's Mineral Resources**—Staff of the Division of Mines—*Department of Natural Resources, State of California*, 443 p., illus., \$2.00.
- THE MIRACLE OF GROWTH**—Museum of Science and Industry, Chicago and the University of Illinois Professional Colleges, Chicago—*University of Illinois Press*, 73 p., illus., \$2.00. Explains in non-technical language how human beings begin and how they grow. Excellent illustrations.
- MODERN CHEMICAL PROCESSES: A Series of Articles Describing Chemical Manufacturing Plants**—Editors of Industrial and Engineering Chemistry—*Reinhold*, 222 p., illus., \$4.00. Detailed information about 23 recently developed American chemical processes operated on a full-scale production level.
- PLANT BIOCHEMISTRY**—James Bonner—*Academic*, 537 p., illus., \$6.80. A text for courses in plant or agricultural biochemistry on the advanced undergraduate level.
- REPRESENTATIVE AMERICAN SPEECHES: 1949-1950**—A. Craig Baird, Ed.—*H. W. Wilson*, 264 p., \$1.75. Among the speeches included are those of Truman, Acheson, Urey, Bunche and Reuther.
- THE ROCKEFELLER FOUNDATION: A Review for 1949**—Chester I. Barnard—*Rockefeller Foundation*, 85 p., illus., paper, free upon request to publisher, 49 West 49th St., New York, N. Y. Presents the Foundation's program highlights of the year 1949.
- SHOULD WE HAVE MORE TVA'S**—Walter M. Daniels—*H. W. Wilson*, 225 p., \$1.75. Presents some of the divergent viewpoints.
- THE SOLUBILITY OF NONELECTROLYTES**—Joel H. Hildebrand and Robert L. Scott—*Reinhold*, 3rd ed., 488 p., illus., \$10.00. A standard reference brought up-to-date.
- A STUDY OF THE ELEGANT TINAMOUS GENUS EUDROMA**—Boardman Conover—*Chicago Natural History Museum*, 11 p., paper, 15 cents. A study of some of the members of this family of quail-like South American bird.
- A STUDY OF THE SPOTTED TINAMOUS GENUS NOTHURA**—Boardman Conover—*Chicago Natural History Museum*, 23 p., paper, 25 cents. A brief study of a few of the family of these quail-like South American birds.
- A SYLLABUS OF LABORATORY EXAMINATIONS IN CLINICAL DIAGNOSIS: Critical Evaluation of Laboratory Procedures in the Study of the Patient**—Thomas Hale Ham, Ed.—*Harvard University Press*, 496 p., illus., paper, \$5.00.
- A SYMPOSIUM ON STEROID HORMONES**—Edgar S. Gordon, Ed.—*University of Wisconsin Press*, 396 p., illus., \$6.50. Covers fundamental and applied aspects of steroid research. A symposium held as part of the University of Wisconsin's hundredth anniversary.
- THE TEACHING OF SCIENCE IN PUBLIC HIGH SCHOOLS: An Inquiry into Offerings, Enrollments and Selected Teaching Conditions, 1947-48**—Philip G. Johnson—*Gov't. Printing Office*, Federal Security Agency Bull. 1950, No. 9, illus., paper, 20 cents.
- TRUE FAITH AND ALLEGIANCE: An Inquiry into Education for Human Brotherhood and Understanding**—*National Education Association*, 101 p., illus., paper, 75 cents. Prepared by the NEA Commission for the Defense of Democracy through Education.
- THE UTILIZATION OF SUCROSE**—Leslie F. Wiggins—*Sugar Research Foundation*, 43 p., illus., paper, free upon request to publisher, 52 Wall St., New York 5, N. Y.

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