

Books of the Week

For the editorial information of our readers, books received for review since last week's issue are listed. For convenient purchase of any U. S. books in print, send a remittance to cover retail price (postage will be paid in U. S.) to Book Department, Science Service, 1719 N Street, N.W., Washington 6, D. C. Request free publications direct from publisher, not from Science Service.

ALCOHOL EDUCATION: A Guide-Book for Teachers—Joseph Hirsh and Selma G. Hirsh—*Schuman*, 107 p., \$2.50. Designed to highlight the major facts and scientific concepts about alcohol and related problems. Many more Americans drink today than did a hundred years ago; they consume a great deal more alcohol than did our ancestors, but each drinker takes less. Many drink a little; few drink to excess.

ALLIGATORS AND CROCODILES—Herbert S. Zim—*Morrow*, 63 p., illus., \$2.00. The life story of these interesting reptiles told simply for children, illustrated with lovely drawings by James Gordon Irving.

CLOUD CHAMBER PHOTOGRAPHS OF THE COSMIC RADIATION—G. D. Rochester and J. G. Wilson with a foreword by P. M. S. Blackett—*Academic Press*, 128 p., illus., \$10.80. Including both particular photographs of historic importance and typical examples of the principal phenomena of the subject. Long captions aid in the interpretation of the photographs.

COMMUNITY EDUCATION IN PUERTO RICO—Report by the Division of Community Education, Department of Education, San Juan, Puerto Rico—*Education Clearing House, UNESCO*, 25 p., paper, free upon request to publisher, 19, Avenue Kleber, Paris XVI.

CULTURAL AND PATHOGENIC VARIABILITY IN SINGLE-CONIDIAL AND HYPHAL-TIP ISOLATES OF HELMINTHOSPORIUM TURCICUM PASS.—Alice L. Robert—*Govt. Printing Office, USDA Technical Bulletin No. 1058*, 18 p., illus., paper, 10 cents. The breeding of corn resistant to this corn leaf blight disease is complicated by the fact that the fungus varies so in virulence from one year to another.

A DOCUMENTARY HISTORY OF CHINESE COMMUNISM—Conrad Brandt, Benjamin Schwartz and John K. Fairbank—*Harvard University Press*, 552 p., \$7.50. This study of the Russian Research Center presents reliable translations of 40 documents important in the growth of Chinese Communism, together with interpretations showing how the Communists rose to power in China. This work is intended as a tool for breaking through the American ignorance of Asia.



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DOG OWNER'S VETERINARY GUIDE—G. W. Stamm—*Stamm*, 112 p., illus., paper, \$1.00. Telling the dog owner what to do about the simple ailments and ordinary care of his pet, and how to understand what the veterinarian does in more serious cases.

EUROPE—Samuel Van Valkenburg and Colbert C. Held—*Wiley*, 2d ed., 826 p., illus., \$7.50. This college geography text has been almost completely rewritten, since only the climate and soil of Europe remain unchanged. Death of Ellsworth Huntington since the publication of the first edition necessitated the addition of Colbert C. Held as junior author.

THE EVOLUTION OF CHEMISTRY: A History of Its Ideas, Methods and Materials—Eduard Farber—*Ronald Press*, 349 p., illus., \$6.00. Selections from early books and papers are used so far as possible to describe the important investigations of the past.

EXPLORING AUTOMECHANICS—Harold T. Glenn—*Bennett*, 318 p., illus., \$3.96. Providing a graded series of projects through which the student must progress and at the same time giving him the theoretical background necessary to understand what he is doing. A text for high school students which will fit them to make minor repairs on the family car.

FROM ATOMOS TO ATOM: The History of the Concept Atom—Andrew G. Van Melsen, translated by Henry J. Koren—*Duquesne University Press*, 240 p., \$4.25. Tracing the history of the atomic theory from its earliest beginnings in ancient Greek philosophy.

GAS TURBINE POWER—G. M. Dusing—*International Textbook Company (Lawel)*, 256 p., illus., \$6.00. This elementary text is written from the point of view of the mechanical engineer, not of the aeronautical engineer.

HOW THIN THE VEIL: A Newspaperman's Story of His Own Mental Crack-Up and Recovery—Jack Kerkhoff—*Greenberg*, 311 p., \$3.50. It was a depression with two attempts at suicide that took the author as a voluntary patient to the state mental hospital. Here is the story of what happened to him and the other patients he met during a six-week stay.

AN INTRODUCTION TO MEDICAL SCIENCE: An Elementary Text on Pathology—William Boyd—*Lea & Febiger*, 4th ed., 304 p., illus., \$4.50. A text intended to give nurses, laboratory technicians and physiotherapists a birdseye view of the whole field of disease. This new edition contains important changes, especially in the sections on treatment.

INTRODUCTORY GENERAL PHYSICS—John Gibson Winans—*Ginn*, 765 p., illus., \$5.75. A text for beginning courses in physics emphasizing the experimental approach.

LILLIE'S DEVELOPMENT OF THE CHICK: An Introduction to Embryology—Revised by Howard L. Hamilton—*Holt*, 3d ed., 624 p., illus., \$8.50. Through the development of the chick, favorite laboratory subject of the embryologist, the beginning student is introduced to embry-

ology. In this edition, the original text by the late Dr. Frank R. Lillie is largely rewritten.

MODERN PHYSICS: Developments of the Twentieth Century—F. W. Van Name, Jr.—*Prentice-Hall*, 360 p., illus., \$5.50. A text for those who have already studied the principles of classical physics and calculus. The era of modern physics starts with the discovery of X-rays in 1895 and of the electron in 1897.

NEW AND UNUSUAL SPECIES OF BRACHIOPODS FROM THE ARBUCKLE GROUP IN OKLAHOMA—G. Arthur Cooper—*Smithsonian*, 35 p., illus., paper, 50 cents.

SOME PAPERS ON THE ROLE OF MUSEUMS IN EDUCATION—D. A. Allan and others—*Education Clearing House, UNESCO*, 37 p., paper, free upon request to publisher, 19, Avenue Kleber, Paris XVI.

STRUCTURAL ASPECTS OF CELL PHYSIOLOGY—Symposia of the Society for Experimental Biology, Number VI—*Academic Press*, 357 p., illus., \$7.50. Papers read at a Symposium held at Bristol in July, 1951, the sixth of an annual series.

THE TAJIN TONAC: Part I, History, Subsistence, Shelter and Technology—Isabel Kelly and Angel Palerm—*Govt. Printing Office*, 369 p., illus., paper, \$2.75. Report of one of a series of studies being made in collaboration by the Smithsonian and the Escuela Nacional de Antropología e Historia. The culture of these people of Mexico has been little known, although now a new paved highway connects Papantla with Mexico City.

TREES: A Guide to Familiar American Trees—Herbert S. Zim and Alexander C. Martin—*Simon and Schuster*, 160 p., illus., paper, \$1.00. A handy pocket-size book, beautifully illustrated in full color, to aid in identifying those trees you are most likely to see on a Sunday afternoon stroll.

28 SCIENCE FICTION STORIES OF H. G. WELLS—*Dover*, 915 p., \$3.95. Two novels and 26 short stories are reprinted in this collection originally published in 1905 by Scribner.

THE WONDERFUL STORY OF HOW YOU WERE BORN—Sidonie Matsner Gruenberg—*Hanover House*, 39 p., illus., \$2.00. A charmingly illustrated book for little children. The first part of the book tells the story of birth, answering the questions that the littlest tots ask; the latter part provides sex information for older children.

Science News Letter, October 11, 1952

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