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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. book in print, send a remittance to cover retail price (postage will be paid) to Book Department, Science Service, 1719 N. Street, N. W., Washington 6, D. C. Request free publications direct from publisher, not from Science Service.

AVIATION FACTS AND FIGURES 1957—compiled by Rudolf Modley and Edward B. Hincks, edited by Ben S. Lee—*American Aviation Publications*, 120 p., illus., paper, \$1.00. A compilation of facts gleaned from hundreds of sources.

BEAUTYWAY: A Navaho Ceremonial—Myth recorded and translated by Father Berard Haile, variant myth recorded by Maud Oakes and sand paintings recorded by Laura A. Armer, Franc J. Newcomb and Maud Oakes, edited with commentaries by Leland C. Wyman—*Pantheon*, Bollingen Series LIII, 218 p., illus., \$8.50. Containing beautiful reproductions of the Indian sand paintings and a supplement with the Navaho text of the myth.

BLUEPRINTS FOR BETTER READING: School Programs for Promoting Skill and Interest in Reading—Florence Damon Cleary—*Wilson*, 216 p., \$3.00. For teachers and others concerned with the guidance of children's reading.

CLINICAL USE OF RADIOISOTOPES—William H. Beierwaltes, Philip C. Johnson and Arthur J. Solari—*Saunders*, 456 p., illus., \$11.50. At the University of Michigan, where two of the authors are on the faculty, every medical student is assigned to the Clinical Radioisotope unit during his junior year. This text is for such students.

THE CLOSING COLLEGE DOOR—*Council for Financial Aid to Education*, 14 p., illus., paper, single copies free upon request direct to publisher, 6 East 45th St., New York 17, N. Y. Facts about higher education and suggestions of what you can do to put your foot in the door and keep it from slamming shut.

THE COAST AND GEODETIC SURVEY: 150 Years of History—A. Joseph Wraight and Elliott B. Roberts—*Govt. Printing Office*, Department of Commerce, 90 p., illus., paper, 35 cents. Telling of the work and history of the first technical bureau of the U. S. Government. In 1807, when Thomas Jefferson was President, Congress authorized him to make a survey of the country's coasts. Ferdinand Hassler, a Swiss scientist, was appointed first Superintendent of the Survey.

DEMOGRAPHIC YEARBOOK 1956: Ethnic and Economic Characteristics—*Statistical Office of the United Nations (Columbia University Press)*, 8th issue, 744 p., \$8.50. Special features of this issue are statistics of ethnic composition and population by level of education, age and sex, and number and per cent of population attending school at various ages. In French and English.

EDUCATION DIRECTORY 1956-57: Part 2, Counties and Cities—*Govt. Printing Office*, Office of Education, 96 p., paper, 40 cents. Listing schools and superintendents.

EDUCATION FOR BETTER LIVING: The Role of the School in Community Improvement—*Govt. Printing Office*, Office of Education Bulletin 1956, No. 9, 339 p., illus., paper, \$1.50. Discussing what can be done through school to aid in building up underdeveloped communities. The first of a series of yearbooks devoted to Education Around the World.

HOW TO DEAL WITH YOUR TENSIONS—George S. Stevenson—*National Association for Mental Health*, 15 p., illus., paper, single copies free upon request to Better Mental Health, Box 2500, New York 1, N. Y. Tension and anxiety, the author tells us, is natural and useful. Here is

useful advice on what to do to prevent too frequent or too serious upsets. (See SNL, p. 386.)

HOW TO FARM YOUR FOREST: A Guide for Woodland Owners in Southern Illinois—Leon S. Minckler and John F. Hosner—*Central States Forest Experiment Station*, Miscellaneous Release No. 11, 68 p., illus., paper, free upon request direct to publisher, P. O. Box 760, Carbondale, Ill. The "left over" land after the better parts are used for crops, is, nevertheless, part of the farm and should be cultivated to bring in an income. This booklet tells how to get income from woodland.

THE INFECTIOUS DISEASES OF DOMESTIC ANIMALS: With Special Reference to Etiology, Diagnosis and Biological Therapy—William Arthur Hagan and Dorsey William Bruner—*Comstock Publishing Associates*, 3d ed., 968 p., illus., \$10.50. Covering not only pathogenic bacteria but also fungi, protozoa and viruses.

INTERLINGUA: Tool of International Communication—Alexander Gode—*Science Service*, 10 p., paper, free upon request direct to publisher, Division of Interlingua, 80 East Eleventh St., New York 3, N. Y. Explaining how this new language was constructed and how it is used. Contains a summary written in Interlingua.

INTERNATIONAL CLOUD ATLAS: Volume II—World Meteorological Organization (International Publications)—224 plates, \$4.45. A collection of beautiful photographs in black and white and color showing various kinds of clouds and other aspects of the sky. Some are taken from the ground and others from airplanes.

LIBERTY IS ALWAYS UNFINISHED BUSINESS—*American Civil Liberties Union*, 96 p., paper, 50 cents. Annual report of the Union discussing such topics as the freedom of speech and association, academic freedom, and the pressures directed against the printed word, stage and screen and radio-television.

MEPROBAMATE AND OTHER AGENTS USED IN MENTAL DISTURBANCES—James G. Miller and others—*New York Academy of Sciences, Annals*, Volume 67, Art. 10, 224 p., illus., \$4.00. Previously unpublished reports on the use of "Miltown" and other new drugs in treatment of various conditions.

MODERN AIRMANSHIP—Neil D. Van Sickle—*Van Nostrand*, 862 p., illus., \$9.75. Written for civilian as well as military flyers, this reference book tells the substance of what flyers need to know.

THE NATURE OF CONFLICT: Studies on the Sociological Aspects of International Tensions—International Sociological Association in collaboration with Jessie Bernard, T. H. Pear, Raymond Aron and Robert C. Angell—*UNESCO (Columbia University Press)*, 314 p., paper, \$4.00. Surveys of research on the tensions that lead to war and on the making of peace.

OF SHEEP AND MEN—R. B. Robertson—*Knopf*, 309 p., illus., \$5.00. A psychiatrist depicts the isolated life and outlook of the Scottish sheep herder and other characters in a glen near the English border. A delightful book illustrated with photographs taken by the author's wife.

PHYSICS OF NON-DESTRUCTIVE TESTING: With Particular Reference to Some of the New Aspects—H. Kolsky and others—*Institute of Physics*, Supplement No. 6 to British Journal of

Applied Physics, 72 p., illus., \$4.00. Intended to enable engineers and others concerned with non-destructive testing to appreciate the importance of new methods based on applications of physics to this field.

PROCEEDINGS OF THE NATIONAL ELECTRONICS CONFERENCE, Volume XII — G. W. Swenson Jr. Chairman—*National Electronics Conference*, 1095 p., illus., \$5.00. Besides technical papers on electronics the volume includes discussion of such topics as the Space Satellite Program, Project MURA, and scientific manpower resources of the USSR.

PSYCHOLOGY APPLIED TO LIFE AND WORK—Harry Walker Hepner—*Prentice-Hall*, 3d ed., 639 p., illus., \$6.95. Indicating what the science of psychology can teach us about the problems of personality, effective study, employment and other aspects of everyday life.

RADIO OPERATOR'S LICENSE Q & A MANUAL—Milton Kaufman—*Rider*, 6th ed., 720 p., illus., \$6.60. To help the would-be "ham" get started.

RADIOACTIVITY AND NUCLEAR PHYSICS—James M. Cork—*Van Nostrand*, 3d ed., 415 p., illus., \$5.50. A text for the upper undergraduate or beginning graduate level.

THE REHABILITATION OF SPEECH—Robert West, Merle Ansberry and Anna Carr—*Harper*, 3d ed., 688 p., illus., \$7.50. Changes have been made in this text to bring it up to date and to make it more "teachable."

REPORT OF OPERATIONS—E. Finley Carter, director—*Stanford Research Institute*, 10 p., illus., paper, free upon request direct to publisher, Menlo Park, Calif. During the year research was carried out on 760 different projects.

A SECOND (M.K.S.) COURSE OF ELECTRICITY—A. E. E. McKenzie—*Cambridge University Press*, 317 p., illus., \$3.50. An English author has prepared this book to enable schools there to convert to the meter-kilogram-second system of measurement in place of the c.g.s. (centimeter-gram-second) system.

THE SOUND OF WINGS: Readings for the Air Age—Joseph B. Roberts and Paul L. Briand, Eds.—*Holt*, 303 p., \$5.00. Bringing together the most memorable literature inspired by flying from Ovid's "The Fall of Icarus" and Trowbridge's "Darius Green and His Flying-Machine" to passages inspired by jet flight and the outlook for the future.

STANFORD RESEARCH INSTITUTE—E. Finley Carter, director—*Stanford Research Institute*, 17 p., illus., paper, free upon request direct to publisher, Menlo Park, Calif. Information about the Institute, its background and operation.

STATUTE OF THE INTERNATIONAL ATOMIC ENERGY AGENCY: Hearings Before the Committee on Foreign Relations, United States Senate and Senate Members of the Joint Committee on Atomic Energy—Theodore Francis Green, Chairman—*Senate Committee on Foreign Relations*, 260 p., illus., paper, free upon request direct to publisher, Washington 25, D. C.

TEACHING THE BRIGHT AND GIFTED—Norma E. Cutts and Nicholas Moseley—*Prentice-Hall*, 268 p., illus., \$4.25. The "gifted" are defined as "those whose performance in a worth-while type of human endeavor is consistently remarkable," regardless of any arbitrary IQ score set as the criterion.


THE TERPENES: Volume IV, The Triterpenes and Their Derivatives, Hydrocarbons, Alcohols, Hydroxy-aldehydes, Ketones and Hydroxy-Ketones—Sir John Simonsen and W. C. J. Ross—*Cambridge University Press*, 524 p., \$13.50. Treating each of these groups of terpenes in detail from the point of view of theoretical chemistry.

Science News Letter, June 22, 1957

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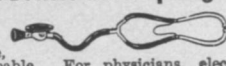
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