

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.

THE ANATOMY OF NATURE: How Function Shapes the Form and Design of Animate and Inanimate Structures Throughout the Universe—Andreas Feininger—*Crown*, 168 p., illus., \$5.95. A beautiful collection of best nature photographs by a *Life* photographer and others.

ATOMIC ENERGY—A. Radcliffe and E. C. Roberson—*Philosophical Library*, 142 p., illus., \$4.75. A simply written book about the tiny atom and its tremendous power.

ATOMIC WEAPONS AND EAST-WEST RELATIONS—P. M. S. Blackett—*Cambridge University Press*, 107 p., \$2.00. A Nobelist in physics who has worked on atomic energy writes on a most important and timely topic. (See p. 326.)

CHEMICAL AND MECHANICAL STABILIZATION—L. D. Hicks and others—*Highway Research Board*, Bulletin 129, 110 p., illus., paper, \$2.25. Discussing the treatment of various kinds of soil for roads, from Iowa loess to the "ball-bearing" sands of Arctic beaches.

THE CULTURE AND MARKETING OF TEA—C. R. Harler—*Oxford University Press*, 2d ed., 263 p., \$4.00. Telling of the chemical composition of tea and how it is grown in Asia, India and Indonesia. Also discussing the possibility of growing it in Africa, Australia and the U.S.S.R., where machines for picking the leaves are being tried out.

THE EARTH WE LIVE ON: The Story of Geological Discovery—Ruth Moore—*Knopf*, 426 p., illus., \$6.00. A newspaper reporter wrote this

account of discoveries about the earth beneath our feet and the great men who have made the knowledge available to us.

GLOBES AND SPHERICAL MAPS—Louis H. Powell—*Science Museum*, Science Bulletin Number 4, 16 p., illus., paper, 50 cents. Describing modern spherical displays that may eventually replace the awkward globe and misleading flat map.

GREAT ADVENTURES IN SCIENCE—Helen Wright and Samuel Rapport, Eds.—*Harper*, 338 p., \$3.95. Exciting real-life tales told by well-known scientists and science writers.

THE GREAT NUTRITION PUZZLE—Dorothy Callahan and Alma Smith Payne—*Scribner's*, 192 p., illus., \$2.95. How the solution of the problem of our nutrition was gradually pieced together over the years.

GRIZZLIES IN THEIR BACK YARD—Beth Day—*Messner*, 224 p., \$3.95. Telling of a couple who lived among these awesome wild creatures in British Columbia.

HAILSTORMS OF THE UNITED STATES—Snowden D. Flora—*University of Oklahoma Press*, 201 p., illus., \$3.50. Hail, the author says, is more destructive than tornadoes. A single storm striking a city during business hours can, in a few minutes, cause a loss of \$1,000,000 or more in damage to parked automobiles alone.

HANDBOOK OF CHEMISTRY: A Reference Volume for All Requiring Ready Access to Chemical and Physical Data Used in Laboratory Work and Manufacturing—Compiled and Edited by Norbert Adolph Lange assisted by Gordon M. Forker—*Handbook Publishers*, 9th ed., 1969 p., \$8.50. Containing, for the first time, physical properties of the earth and atmosphere, cosmic abundance of elements, occurrence of elements in the human body and other data.

HOME HEALTH EMERGENCIES: A Guide to Home Nursing and First Aid in Family Health Emergencies—based on an original manuscript by Granville W. Larimore—*Equitable Life Assurance Society of the United States*, 256 p., illus., paper, single copies free upon request direct to publisher, 393 Seventh Ave., New York 1, N. Y. Useful suggestions for home care of a patient and homemade equipment for the sick-room.

INTERNATIONAL REVIEW OF CYTOLOGY—Volume V—G. H. Bourne and J. F. Danielli, Eds.—*Academic*, 570 p., illus., \$11.50. Articles from all branches of cytology to help those interested in cell biology form a unified concept of the field.

L. J. M. DAGUERRE (1787-1851): The World's First Photographer—Helmut and Alison Gernsheim—*World Publishing*, 216 p., illus., \$7.50. The story of a revolutionary development and the artist responsible.

LISTEN AND LEARN FRENCH—Leon J. Cohen—*Dover*, 110 p., paper, with three 10-inch l.p. records, \$4.95 for the set, extra books \$2.00. Intended especially for travelers.

MARRIAGE—PAST AND PRESENT: A Debate Between Robert Briffault and Bronislaw Malinowski, edited with an introduction by M. F. Ashley Montagu—*Porter Sargent*, 90 p., paper \$1.50, cloth \$2.50. First publication in book form of an interesting debate on marriage which took place on the British Broadcasting System about 1930. The debate became so acrimonious that Briffault never finished the series.

MEDICAL SCIENCES: Volume 1—J. C. Burgher, J. Coursaget and J. F. Loutit, Eds.—*McGraw-Hill*, Series VII of Progress in Nuclear Energy, 165 p., \$6.00. Discussing the use in medicine of radioactive isotopes and protection against radiation hazards.

MODELS FOR TEACHING—Martha F. Meeks—*Visual Instruction Bureau, University of Texas*, 40 p., illus., paper, \$1.00. Suggesting to teachers inexpensive models they can construct and use to make subject content more meaningful.

NEW HORIZONS U.S.A.: The Guide to Travel in the United States—Pan American World Airways—*Simon and Schuster*, 510 p., illus., \$1.95. Information for visitors on such matters as what kind of clothing is needed, points of interest, special local customs, local holidays, accommodations, etc.

PSYCHOLOGY, PSYCHIATRY AND THE PUBLIC INTEREST—Maurice H. Krout, Ed.—*University of Minnesota Press*, 217 p., \$4.00. Intended to clarify the relations between two professions with a view to promoting more cordial accord.

THE REAL BOOK OF ELECTRONICS—Edward Stoddard—*Garden City Books*, 215 p., illus., \$1.95. Designed to explain the intricacies of radio, television, radar and phonographs to children eight to fourteen.

A SPACE TRAVELER'S GUIDE TO MARS—I. M. Levitt—*Holt*, 175 p., illus., \$3.95. It is not a question of whether we can travel to Mars, the author says, but when we are going. This book presents current knowledge of Mars and the history of our observation of this planet, and also discusses the ways by which man may reach Mars and the problems that must be overcome before this can be accomplished.

THE STORY OF ROCKS—Dorothy E. Shuttlesworth—*Garden City Books*, 56 p., illustrated with drawings by Su Zan N. Swain, \$2.50. To aid the young rock hound in identifying his "finds" as well as to give him in simple language basic elements of petrology.

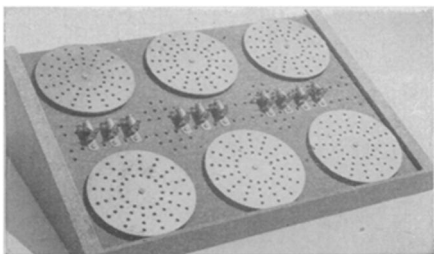
USING THE CONSULTANT—Charles H. Dent, Virginia Hufstедler, and Martha F. Meeks—*Visual Instruction Bureau, University of Texas*, 8 p., illus., paper, 50 cents. Telling when and why a consultant should be called in and how the best use can be made of his services.

WALT DISNEY'S AFRICAN LION—James Algar—*Simon and Schuster*, 75 p., illus., \$10.00. One of Disney's "True-Life Adventures," illustrated with beautiful color photographs of the lion and other beasts of the African wild.

WALT DISNEY'S LIVING DESERT—Marcel Ayme and others—*Simon and Schuster*, 74 p., illus., \$10.00. Illustrated by gorgeous color pictures from the Disney films showing wildlife in natural poses.

Science News Letter, November 24, 1956

Can you think faster than this Machine?



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