

THE PHYSICAL WORLD—Richard Brinckerhoff and others—*Harcourt*, 450 p., illus., \$4.88. A high school general science text requiring only simple mathematics.

POCKET FIELD GUIDE TO TREES—William Carey Grimm—*Stackpole*, 143 p., illus. with drawings by author, paper, \$1.50. Facilitates familiarity with deciduous trees and conifers.

POCKET PHOTO DATA BOOK—*Morgan & Morgan*, 160 p., charts, \$3.95. Provides a distillation of the data most used and wanted by working photographers in a handy 6-ring loose-leaf binder.

A PUPPY NAMED GIH—Sara Machetanz—*Scribner*, 30 p., illus. with drawings by Fred Machetanz, \$2.75. For the very young reader, the story of the training of a team of sled dogs in Alaska.

REACTOR HEAT TRANSFER—W. B. Hall—*Temple Press (Simmons-Boardman)*, 68 p., illus., bibliography, paper, \$2.75. British monograph, for engineers and physicists in nuclear engineering.

REINFELD ON THE END-GAME IN CHESS—Fred Reinfeld—*Dover*, 176 p., paper, \$1.25. First published in 1940 under the title "Practical End-Game Play."

RESEARCH IN ION EXCHANGE CHROMATOGRAPHY: Transactions of the Session on Applications of Ion Exchange Chromatography in Medicine and the Food Industries, U.S.S.R. Academy of Sciences—V. V. Rachinsky and others, in English translation—*Consultants Bureau*, 180 p., paper, \$35.

SATELLITES, ROCKETS AND OUTER SPACE—Willy Ley—*New Am. Lib.*, 128 p., illus., paper, 35¢. Survey of rocket development and space travel prospects.

SCIENCE AND FOREIGN POLICY—Robert E. Marshak and others—*Foreign Policy Assn.*, Headline Series No. 130, 62 p., illus., paper, 25¢. Includes discussion of rocketry and earth satellites.

SCIENCE NEWS 48—Archie and Nan Clow, Eds.—*Penguin*, 136 p., illus., paper, \$65. A rocket and satellite research number, interesting to anyone who wants an understanding of the background to space travel.

THE SEA AND ITS MYSTERIES—William M. Hutchinson—*Maxton*, 30 p., illus., 69¢. For young children.

SELECTED SCIENCE BOOKS FOR SECONDARY SCHOOLS (A Bibliography)—Compiled by R. Vincent Cash and others—*Conn. Science Teachers Assn.*, 116 p., paper, 25¢. About 500 annotated titles listed alphabetically by authors, indexed by subject and by titles.

TEN YEARS WITH TELEVISION AT JOHNS HOPKINS—Leo Geier—*Johns Hopkins University*, 66 p., illus., paper, free upon request direct to publisher, Director of Public Relations, Baltimore 18, Md. The pioneering story of educational TV called The Johns Hopkins Science Review.

THE TREASURY OF GAMES AND PUZZLES—Compiled by Carlton Wallace—*Philosophical Lib.*, 256 p., illus., \$6. Secret codes, brain twisters, pencil and paper games, optical illusions and party games.

TWENTY THOUSAND NURSES TELL THEIR STORY—Everett C. Hughes, Helen MacGill Hughes and Irwin Deutscher, Foreword by Agnes Ohlson—*Lippincott*, 280 p., \$5.75. Findings of a five-year program of research in nursing functions.

WHAT FLOWERING TREE IS THAT? A Handbook for the Tropics—Edwin A. Menninger—*Menninger*, 183 p., photographs, 6 color plates, cloth, \$4, paper without color plates \$2.50. Describes hundreds of exotic flowering trees found in Florida.

YOUR OPERATION—Robert M. Cunningham, Jr.—*Public Affairs Committee*, Pamphlet No. 267, 20 p., illus., paper, 25¢. Advice and reassurance to persons facing surgery.

Science News Letter, July 12, 1958

TECHNOLOGY

Office Digital Computer Sends Data by Teletype

► AN ELECTRONIC digital computer, designed especially for office bookkeeping purposes, was introduced at the Second Annual Military Electronics Conference meeting in Washington, D. C.

The machine, called Cal-Key by its developer, Van Norman Industries of Manchester, N. H., is an electro-mechanical digital computer, and has the 11-column keyboard of the ordinary comptometer calculator.

While operation of the computer portion of the equipment is electronic, the results of any operation are automatically "read out" and mechanically punched on paper teletype tape in the standard five-hole code.

The manager of a chain-store, for example, can calculate the day's business, and instantly send the results by teletype to the home office in a distant city. There the results can either be received by conventional methods, or automatically recorded in a punched-card system for tabulation.

Science News Letter, July 12, 1958

PUBLIC HEALTH

Suggest Goals For Care of Aged

► EXPANSION of health care facilities tailored to the specific needs of the nation's more than 14,000,000 aged, regardless of their economic status, is one of the goals of a new comprehensive health program.

Other problems of the aged that the Joint Council to Improve the Health Care of the Aged will study include increased opportunities for older people to obtain voluntary health insurance coverage, and more community health services.

Work projects which the Council has already taken an active part in are:

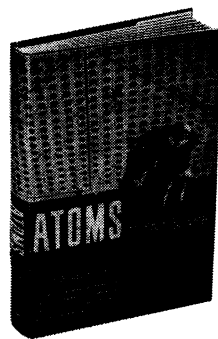
1. A conference on the care of patients with long-term illnesses.
2. Preparation of upgraded standards for nursing homes which will eventually lead to improved nursing home care for the aged.
3. A project to reduce the financial burden of a disabling illness among the elderly by performing the necessary household tasks to enable them to remain at home, with qualified nursing and medical attendance in the home.
4. Six regional conferences have been held to help doctors cope with the problems of the aged. A national conference will be held in September.

The four sponsors of the Joint Council are the American Dental Association, American Hospital Association, American Medical Association and the American Nursing Home Association.

The Joint Council has emphasized the need for state and local governments to assume their proper responsibility to aged patients by providing realistic financial support for medical, dental, hospital and nursing home care for those who are unable to pay. Dr. Edwin L. Crosby, director of the American Hospital Association and interim secretary of the Council, has said.

Science News Letter, July 12, 1958

How atomic researchers are working to improve commerce, industry, and the general welfare



ATOMS

At Your Service

By HENRY A. DUNLAP
and HANS TUCH

This book charts for the general reader the progress, scope, and direction of beneficial atomic research, and the momentous plans now on drawing boards or undergoing actual test—the sources of atomic energy, the development and use of various kinds of reactors, what science has learned of safe ways of living with the atom, the role of atomic energy in such fields as mining, agriculture, transportation, power, and medicine.

It gives a full account of the roles played by various international agencies, by Congress, and private industry in the development and control of the atom. Appendixes reproduce legislation and important documents pertinent to the development of atomic energy for peacetime. *Line drawings and 16 pages of photographs.*

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