

# Books of the Week

TO SERVE YOU: To get books, send us a check or money order to cover retail price. Address Book Dept., SCIENCE NEWS LETTER, 1719 N St., N. W., Washington 6, D. C. Ask for free publication direct from issuing organizations.

ADVENTURES IN AVIATION EDUCATION—H. E. Mehrens—*American Council on Education*, 401 p., illus., \$3.50. A book for teachers telling about how aviation can be introduced into the curriculum from kindergarten to high school. Words learned in kindergarten now include aileron, beacon, Convair, blimp, fuselage and rotor.

ALMOST SINUSOIDAL OSCILLATIONS IN NON-LINEAR SYSTEMS: Part 1, Introduction, Simultaneous Oscillations—Johannes S. Schaffner—*University of Illinois*, 64 p., paper, 60 cents.

BIOCHEMISTRY AND PHYSIOLOGY OF PROTOZOA Volume I—Andre Lwoff, Ed.—*Academic Press*, 434 p., \$8.80. Bringing together contributions to this neglected field.

THE BIRDS OF MICHIGAN—Norman A. Wood—*University of Michigan Press*, 559 p., illus., paper, \$4.00. A reference work listing all species and subspecies for which there are unquestionable Michigan records.

CLEAVAGE FRACTURES OF SHIP PLATES—Wilbur M. Wilson, R. A. Hechtman and W. H. Bruckner—*University of Illinois*, 95 p., illus., paper, \$1.00. Report of an investigation to

determine factors causing formation of fractures.

CULTURAL STUDIES ON CARROT STECKLINGS IN RELATION TO SEED PRODUCTION—Leslie R. Hawthorn—*Govt. Printing Office*, 21 p., paper, 10 cents. Results of experimental plantings to determine how to produce the most and the best carrot seeds.

DOMESTIC CONTROL OF ATOMIC ENERGY—Robert A. Dahl and Ralph S. Brown, Jr.—*Social Science Research Council*, 117 p., paper, \$1.00. In this field, the authors point out, "public policy of extraordinary importance frequently seems to be decided in a political void created by public apathy." This study was designed to find out what social science research should contribute to solution of the problem.

EPICS OF ESPIONAGE—Bernard Newman—*Philosophical Library*, 270 p., \$4.50. You will enjoy re-reading these famous spy stories.

AN EVALUATION OF THE HARDENING POWER OF QUENCHING MEDIA FOR STEEL—Earl J. Eckel, Ross M. Mayfield, Glen W. Wensch and Frank A. Rough—*University of Illinois*, 131 p., illus., paper, \$1.50. Although the quenching of steel was first mentioned in the Odyssey, 900 B.C., the relative value of different quenchants has been largely a matter of opinion.

THE HEALTH OF THE MIND—J. R. Rees—*Norton*, 207 p., \$2.75. How to attain mental health for yourself and for the young people for whom you may be responsible.

HERBERT H. DOW: Pioneer in Creative Chemistry—Murray Campbell and Harrison Hatton—*Appleton*, 168 p., illus., \$3.50. The life of the founder of the Dow Chemical Company and one of the creators of modern chemical industry.

LET'S START COOKING—Garel Clark—*Scott, W. R.*, 68 p., illus., \$1.50. Recipes in step-by-step drawings and easy text for beginning cooks.

MANUAL OF TUMOR NOMENCLATURE AND CODING — Subcommittee, Statistics Committee, American Cancer Society—*American Cancer Society*, 119 p., \$2.50. Aid for record librarians and research workers in compiling statistics on tumors.

MINERALOGY: An Introduction to the Study of Minerals and Crystals—Edward Henry Kraus, Walter Fred Hunt and Lewis Stephen Ramsdell—*McGraw-Hill*, 4th ed., 664 p., illus., \$7.50. A text for beginning students.

THE NATURE OF THINGS—Roy K. Marshall—*Holt*, 188 p., illus., \$2.95. The author of a popular television program on science has attempted to translate his program into book form.

NORTHERN RHODESIAN BIRDS—Rodolphe Meyer de Schauensee—*Academy of Natural Sciences of Philadelphia*, 63 p., paper, \$1.20. A description of the large collection of the Academy.

PERSONALITY AND GOVERNMENT: Findings and Recommendations of the Indian Administration Research—Laura Thompson—*Instituto*

*Indigenista Interamericano, Mexico*, 229 p., paper, \$2.00. A disinterested and independent evaluation of the U. S. policy toward the Indians with recommendations.

PREPARING TECHNICAL MATERIAL FOR PUBLICATION: A Manual for Authors of College and Station Publications—Lisle A. Rose, Elmer F. Heater and George R. Foster—*University of Illinois*, 39 p., paper, 60 cents. A style book for technical authors including proofreading marks.

RADIANT BASEBOARD HEATING AND EFFECTS OF REDUCED THERMOSTAT SETTING AND OPEN BEDROOM WINDOWS AT NIGHT—Warren S. Harris and Robert H. Weigel—*University of Illinois*, 67 p., illus., paper, 70 cents. Information of interest to home owners and heating engineers.

THE RESTLESS UNIVERSE—Max Born—*Dover*, 2nd ed., 315 p., illus., \$3.95. Scientists and students will welcome this new revised edition of a book that has been out of print for several years. A novelty is a sequence of diagrams by means of which you can see molecules in action by flipping the pages. Translation by Winifred M. Deans.

SCIENCE NEWS 21—A. W. Haslett, Ed.—*Penguin*, 126 p., illus., paper, 50 cents. Another in this interesting British series of collections of scientific articles.

TIME'S ARROW AND EVOLUTION—Harold F. Blum—*Princeton University Press*, 222 p., illus., \$4.00. The author, a biologist, points to a part played by the Second Law of Thermodynamics in the course of evolution.

200 MILES UP: The Conquest of the Upper Air—J. Gordon Vaeth—*Ronald*, 207 p., illus., \$4.50. Telling about the highest flights yet made and the information they brought back about the atmospheric sea above.

VITALIZING SECONDARY EDUCATION—*Govt. Printing Office*, 106 p., paper, 30 cents. Report of the First Commission on Life Adjustment Education for Youth issued by the U. S. Office of Education.

THE WORLD OF COPERNICUS (SUN, STAND THOU STILL)—Angus Armitage—*New American Library*, 165 p., illus., paper, 35 cents. The life and work of the founder of modern astronomy by an English scholar. Originally published by Schuman.

YOU AMONG THE STARS—Herman and Nina Schneider—*Scott, W. R.*, 58 p., illus., paper, \$2.25. An attractively illustrated book to get young people acquainted with the universe.

Science News Letter, September 22, 1951

## INVENTION

### Cider Mill Turns Out Juice While You Wait

➤ A CIDER MILL for the roadside stand grinds up apples and turns out the juice while the patron stands by awaiting his glass of beverage. It can be used for other fruits. It is a quick-acting device which separates the juice from the pulp by centrifugal action.

Patent 2,567,371 was awarded for it to Lyonal D. Forkey, Norwell, John T. Peterson, Melrose, and Henry I. Morton of Needham, Mass.

Science News Letter, September 22, 1951

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