

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.

CAUSES OF INDUSTRIAL PEACE UNDER COLLECTIVE BARGAINING: Working Harmony, A Summary of the Collective Bargaining Relationships in 18 Companies—Frederick H. Harbison and John R. Coleman—*National Planning Association*, Case Study 13, 64 p., paper, \$1.00.

CHROMATOGRAPHY: A Review of Principles and Applications—Edgar Lederer and Michael Lederer—*Elsevier*, 460 p., illus., \$9.25. Presenting a review of the chromatographic methods developed in the last decade. Included are references to papers contributing to the development of new methods or to the application of chromatography to new groups of substances.

INTRODUCTION TO SEMIMICRO QUALITATIVE ANALYSIS—C. H. Sorum—*Prentice-Hall*, 2nd ed., 198 p., \$3.50. Written for students who have a background of one semester of general chemistry and wish to study qualitative analysis in a one-semester course.

A FIELD GUIDE TO ROCKS AND MINERALS—Frederick H. Pough—*Houghton Mifflin*, 333 p., illus., \$3.75. All the common minerals, as well as a few rare ones, are included in this book, written both for the serious collector and the beginner. The many diagrams, drawings and

photographs will help make field trips more rewarding.

DISCONTINUOUS AUTOMATIC CONTROL—Irmgard Flugge-Lotz—*Princeton University Press*, 168 p., illus., \$5.00. Mechanical systems which have restoring forces, other than that of the control device, are discussed in this monograph.

KODAK PHOTOGRAPHIC PLATES FOR SCIENTIFIC AND TECHNICAL USE—*Eastman Kodak Company*, 7th ed., 40 p., illus., paper, 50 cents. Revised to include the latest technical information on the characteristics of Kodak spectroscopic plates, film and other materials prepared for research use.

MAN'S RIGHT TO KNOWLEDGE AND THE FREE USE THEREOF—Mark Van Doren—*Columbia University*, 123 p., illus., paper, 35 cents. Prepared in conjunction with the university's bicentennial celebration, and illustrated by the 60 panels which will make up the exhibit.

THE NATIONAL RESEARCH COUNCIL REVIEW 1953—C. D. Howe, Chairman of Committee of the Privy Council on Scientific and Industrial Research—*National Research Council of Canada*, 244 p., illus., paper, 75 cents. Reporting the progress made during 1952 on the many research projects of the Council. Intended for scientists and others concerned with detailed information.

NUCLEAR PHYSICS—W. Heisenberg—*Philosophical Library*, 225 p., illus., \$4.75. This book by a Nobelist is, nevertheless, intended for readers with no previous, formal training in physics.

OBSERVATIONS ON THE LIFE HISTORY AND SENSORY BEHAVIOR OF THE SNAKE MITE, OPHIONYSSUS NATRICIS (GERVAIS) (ACARINA: MACRONYSSIDAE)—Joseph H. Camin—*The Chicago Academy of Sciences*, 75 p., illus., paper, \$1.50. The snake mite is a common pest in zoos throughout the world.

PHYSICAL-CHEMICAL PROPERTIES OF METHANE-ETHANE MIXTURES—O. T. Bloomer, D. C. Gami, and J. D. Parent—*Institute of Gas Technology*, 39 p., illus., paper, \$3.50. Giving data required for the engineering design of plants to separate ethane from natural gas by low-temperature fractionation.

RESPIRATORY DISEASES AND ALLERGY: New Method of Approach—Josef S. Smul—*Medical Library*, 80 p., \$2.75. The purpose of this book, the author states, is to clarify the nature of respiratory ailments by indicating their common cause and presenting a simple, definite method for their treatment.

SONGBIRDS IN YOUR GARDEN—John K. Terres—*Crowell*, 274 p., illus., \$3.95. Explains how to attract birds to your garden or yard.

THE TRAFFIC IN NARCOTICS—H. J. Anslinger and William F. Tompkins—*Funk and Wagnalls*, 354 p., illus., \$4.50. An attempt to present the facts, review the evidence and reach some conclusions that may help in establishing sane, progressive and healthy public attitudes and action toward the national problem of drug addiction.

WORLD-WIDE ENFORCEMENT OF STRATEGIC TRADE CONTROLS: Third Report to Congress on the Mutual Defense Assistance Control Act of 1951—Foreign Operations, Harold Stassen, Director—*Gov't Printing Office*, 96 p., illus., paper, 30 cents. This State Department publication rivals the "special agent" programs of radio and television in exciting plots.

YOUR MIND AND YOUR JOB—John K. Williams—*Industrial Health Council*, 64 p., illus., paper, single copies 50 cents. Good mental health helps you do a better job and be a happier person. This fact is pointed up in this booklet which discusses, in simple terms, you and your job.

Science News Letter, December 12, 1953

AGRICULTURE

Bee Colony Each Acre Increases Cranberry Crop

► FARMERS CAN double their production of holiday-season cranberries by increasing the number of bees per acre, Prof. R. S. Filmer of the New Jersey Agricultural Experiment Station, New Brunswick, has found.

New Jersey cranberry production averaged 16.3 barrels per acre in 1952 with one colony of honeybees for two acres. Production can be increased by 12 to 34 barrels per acre in fields with a colony of bees for each acre, he said.

To produce fruit, cranberry flowers must be pollinated by bees. A larger population of bees means more flowers are pollinated and produce fruit, Prof. Filmer discovered.

Science News Letter, December 12, 1953



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YOUR HAIR

ITS HEALTH, BEAUTY AND GROWTH

By Herman Goodman, M. D.

A medical specialist tells you what to do to save and beautify your hair, to stimulate healthier hair growth, and deal with many problems, as dandruff—gray hair—thinning hair—care of the scalp—baldness—abnormal types of hair—excessive oiliness—brittle dryness—hair falling out—infection—parasites—hair hygiene—glands—diet—coloring and myriad other subjects concerning hair.

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