

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.

AIR POLLUTION ABATEMENT MANUAL: Bibliography—George F. Jenkins—*Manufacturing Chemists Association*, 57 p., paper, 50 cents. More than 1,500 references listed under six subject headings.

ANNUAL REVIEW OF NUCLEAR SCIENCE, Volume 1—Committee on Nuclear Science, National Research Council—*Annual Reviews*, 645 p., illus., \$6.00. A number of contributors have prepared this series of reviews of the major developments of 1950.

APPLICATIONS OF PSYCHOLOGY: Essays to Honor Walter V. Bingham—L. L. Thurstone, Ed.—*Harper*, 209 p., \$3.00. It is appropriate that the majority of these essays honoring Dr. Bingham should deal with various phases of personnel selection.

BACTERIA—Stanley Thomas and Thomas H. Grainger—*Blakiston*, 623 p., illus., \$5.50. A text for an introductory course with the emphasis on fundamentals that will be useful to undergraduates regardless of what field they will later study.

BRITISH PLANNING AND NATIONALIZATION—Ben W. Lewis—*Twentieth Century Fund*, 313 p., \$3.00. An examination of what Britain is doing and the implications for the United States.

CONTROL OF THE PURPLE SCALE ON CITRUS WITH PARATHION—Herbert Spencer, Max R. Osburn and Paul A. Norman—*Govt. Printing Office*, USDA Circular No. 896, 10 p., paper, five cents. Results of 15 grove experiments.

DYNAMIC ASPECTS OF BIOCHEMISTRY—Ernest Baldwin—*Cambridge University Press*, 2d ed., 544 p., \$5.00. A text intended to encourage dynamic habits of thought and prepared especially for those students who are not studying biochemistry in preparation for medicine.

ELECTRONIC ANALOG COMPUTERS (D-C ANALOG COMPUTERS)—Granino A. Korn and Theresa M. Korn—*McGraw-Hill*, 378 p., illus., \$7.00. How to design and operate this type of electronic "brain," and how to set up problems for them.

ELECTRONIC AND IONIC IMPACT PHENOMENA—H. S. W. Massey and E. H. S. Burhop—*Oxford University Press*, 669 p., illus., \$14.00. Devoted to a study of collisions of particles of low velocity.

FABRICAS: A Collection of Pictures and Statements on the Mineral Materials Used in Building in California Prior to 1850—Elizabeth L. Egenhoff, compiler—*California Division of Mines*, 189 p., illus., paper, \$1.00. Since much of the building in California before the gold rush was done by Franciscan missionaries, this is, in great part, a history of the missions.

GENERAL COLLEGE PHYSICS—Ertle Leslie Harrington—*Van Nostrand*, 787 p., illus., \$6.75. Text for a one-year course with illustrations and applications drawn from other than engineering fields.

GETTING READY TO RETIRE—Kathryn Close—*Public Affairs Committee*, 24 p., illus., paper, 25 cents. Warning young people that they should begin making preparations so that life after retirement may be satisfying and not just a vacuum.

THE LIVING BODY: A Text in Human Physiology—Charles Herbert Best and Norman Burke Taylor—*Holt*, 3d ed., 792 p., illus., \$5.50. This new edition of a popular text has two chapters and others revised and enlarged. New material is included on use of radioactive isotopes and "sulfa" drugs and antibiotics.

MEASUREMENT OF GAS LAW DEVIATIONS WITH BEAN AND BURNETT APPARATUS—O. T. Bloomer—*Institute of Gas Technology*, 12 p., illus., paper, \$2.00. This comparative study shows that the Bean equipment is cheaper, but the Burnett is easier to operate and more rugged.

A METHOD OF MEASURING INCREASE IN SOIL DEPTH AND WATER-STORAGE CAPACITY DUE TO FOREST MANAGEMENT—George R. Trimble, Jr.—*Northeastern Forest Experiment Station*, 8 p., paper, free upon request to publisher, 102 Motors Avenue, Upper Darby, Pa. Because of their location in steep headwaters regions, forest soils are of special importance in flood control.

MINUTES OF THE CONFERENCE ON THE EFFECTS OF EARLY EXPERIENCE ON MENTAL HEALTH—J. P. Scott, Ed.—*Roscoe B. Jackson Memorial Laboratory*, 45 p., illus., paper, free upon request to publisher, Box 847, Bar Harbor, Maine. Reports of informal discussions by active workers in the field who were divided into committees so as to afford each the maximum opportunity for expression.

PACIFIC COAST EARTHQUAKES—Perry Byerly—*Oregon State System of Higher Education*, 38 p., illus., paper, 75 cents. These Condon lectures tell where and when Pacific Coast quakes have occurred and what can be done to prevent destruction of buildings.

PETROLEUM THEN AND NOW—Paul D. Foote—*Mellon Institute*, 12 p., illus., paper, free upon request to publisher, 4400 Fifth Ave., Pitts-

burgh 13, Pa. A resume of petroleum research from the time when Edwin Drake drilled the first oil well in 1859.

PHYSICAL-CHEMICAL PROPERTIES OF METHANE-NITROGEN MIXTURES—O. T. Bloomer and J. D. Parent—*Institute of Gas Technology*, 35 p., illus., paper, \$3.50. Data necessary for the engineering design of plants to separate nitrogen from natural gas.

THE STEAM-BENDING OF BEECH—Frederick F. Wangaard—*Northeastern Forest Experiment Station*, 26 p., illus., paper, free upon request to publisher 102 Motors Avenue, Upper Darby, Pa. Explaining the old art of wood bending so important in boat building and the making of bent wood furniture.

A TEXTBOOK OF QUANTITATIVE ANALYSIS—Andrew Patterson, Jr. and Henry C. Thomas—*Holt*, 500 p., illus., \$4.25. Written because of the author's conviction that it is not because of complicated matters that chemistry gives the student trouble but because trouble is anticipated where none, in fact, exists.

YEAR'S BEST SCIENCE FICTION NOVELS 1952—Everett F. Bleiler and T. E. Dikty, Eds.—*Fell*, 351 p., \$3.50. The first of a new series of collections of works too long to be included in a short-story collection and too short for separate publication.

Science News Letter, June 14, 1952

VITAL STATISTICS

Feminine Hearts Less Vulnerable to Disease

► **WOMEN'S HEARTS** are less vulnerable than men's—to disease, that is.

Figures announced by the American Heart Association, New York, show that for the past 20 years death rates for heart, blood vessel and kidney diseases have been steadily declining for women but increasing for men.

Men can take cheer from this heart fact: The average person, man or woman, faces no greater risk of dying from heart disease today than the average person did 50 years ago. Deaths from heart and blood vessel diseases have increased in numbers in the last half century, but the increase, the heart association says, is due partly to the aging of the population and partly to improved diagnosis.

Science News Letter, June 14, 1952

YOUR SKIN AND ITS CARE

By H. T. Behrman, M.D., and O. L. Levin, M.D.

Two dermatologists give you the up-to-date scientific facts. They tell you in detail exactly what to do to beautify and improve your skin, how to avoid or correct skin disorders, and how to deal with many skin problems as: Daily care of the face—allergies—cosmetics—pimples—blackheads—acne—whiteheads—cysts—boils—oily skin—dry skin—chapping—poison ivy—cold sores—bites—superfluous hair—ringworm—moles—birthmarks—scars—warts—tumors—skin cancer—excessive sweating—etc. "The type of book to which the physician can refer his patients."—*Journal of the American Medical Association*. "Accurate, unvarnished story of practical skin care."—*Connecticut State Medical Journal*

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