

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.

BEEES: Their Vision, Chemical Senses and Language—Karl von Frisch—*Cornell*, 119 p., illus., \$3.00. The text of three lectures given at Cornell University, the American Museum of Natural History and the University of Minnesota by the author during the spring of 1949. (See SNL, December 9, p. 376).

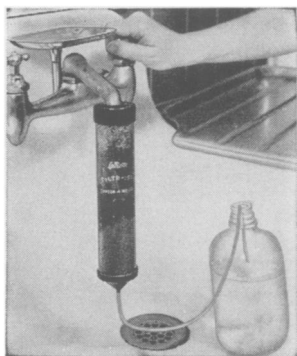
CHEMICAL THERMODYNAMICS: Basic Theory and Methods—Irving M. Klotz—*Prentice-Hall*, 369 p., illus., \$6.00. A college text designed primarily for chemists.

The LaMOTTE FILTR-ION

An Inexpensive —
Disposable unit for small scale
production of

CHEMICALLY PURE WATER

for use in
General Scientific Work



Delivers neutral (pH 7.0) water free of mineral ions. Ideal source of water for pH work—soil testing—preparation of Reagent Solutions—and many other uses where distilled water is now required.

Employs new self-indicating resins.

Can be used anywhere—in the laboratory—in the home—in the field. Assured satisfaction—Banishes the distilled water problem.

Price \$3.85 each

Refill packs containing sufficient resin for twice recharging the unit are \$3.50 each.

LAMOTTE CHEMICAL PRODUCTS CO.
DEPT. "SNL" TOWSON, BALTIMORE 4, MD.

COLOR ATLAS OF PATHOLOGY (Hematopoietic System, Reticulo-Endothelial System, Respiratory Tract, Cardiovascular System, Liver Alimentary Tract, Kidney and Urinary Tract and Musculoskeletal System)—U. S. Naval Medical School—*Lippincott*, 546 p., illus., \$20.00. A reference work with reproductions in full color for the student, the clinician and all those connected with the medical profession.

CRIME CAUSATION: Selected Bibliography of Studies in the United States 1939-1949—Otto Pollak, Compiler—*University of Pennsylvania Press*, 53 p., paper, \$1.50.

DIFFERENTIAL DIAGNOSIS OF INTERNAL DISEASES: Clinical Analysis and Synthesis of Symptoms and Signs—Julius Bauer—*Grune and Stratton*, 866 p., illus., \$12.00. A text for an advanced course in diagnosis.

DISEASES OF CEREALS AND GRASSES IN NORTH AMERICA (Fungi, Except Smuts and Rusts)—Roderick Sprague—*Ronald*, 538 p., illus., \$7.00. A monograph concerning the fungi occurring on members of the grass family.

FOR THE DEAN: Essays in Anthropology in Honor of Byron Cummings on His Eighty-Ninth Birthday, September 20, 1950—Erik K. Reed and Dale S. King, Eds.—*Hohokam Museums Association and Southwestern Monuments Association*, 318 p., illus., \$6.00. Former students of Dr. Cummings combined to write a volume on Southwestern anthropology.

THE FRESH-WATER ALGAE OF THE UNITED STATES—Gilbert M. Smith—*McGraw-Hill*, 2nd ed., 719 p., illus., \$10.00. A reference book brought up-to-date. Many genera and species have been added to this edition.

FREUD OR JUNG—Edward Glover—*Norton*, 207 p., \$3.50. A Freudian compares the theories of Freud and Jung.

HIGHWAY RESEARCH BOARD: Proceedings of the Twenty-Ninth Annual Meeting—Roy W. Crum, Fred Burggraf and W. N. Carey, Jr., Eds.—*Highway Research Board*, 620 p., illus., \$7.50. Includes the papers given at the annual meeting in Washington, D. C., Dec. 13-16, 1949.

THE INITIATIVE AND REFERENDUM IN OREGON: 1938-1948—Joseph G. LaPalombara—*Oregon State College Press*, 137 p., illus., paper, \$1.00. A monograph on some policy-making processes.

KOREA: An Annotated Bibliography of Publications in Western Languages—Helen Dudenbostel Jones and Robin L. Winkler, Compilers—*Library of Congress*, 155 p., paper, \$1.10. Includes about 750 publications in all fields with emphasis on works published since 1930.

THE MARINE ANNELIDS OF OREGON—Olga Hartman and Donald J. Reish—*Oregon State College Press*, 64 p., illus., 75 cents. A monograph on the distribution of this particular phylum of worms.

MEET THE SCIENCES 1900-1950: A Half Century of Good Science Reading—Science Committee, New Jersey Library Association—*New Jersey Library Assn.*, 3rd ed., 6 p., paper, 10

cents. Provides the general reader with an over-all selective guide to the background works on science.

MUNICIPAL AFFAIRS—Ernest W. Steel—*International Textbook Company*, 2nd ed., 377 p., illus., \$5.50. A new edition of a book combining city government fundamentals with the treatment of city administration.

THE NEW YOU AND HEREDITY—Amram Scheinfeld—*Lippincott*, 616 p., illus., \$5.00. Some of the latest findings regarding human inheritance are presented. This book follows *YOU AND HEREDITY* written by the same author ten years ago.

THE 1950 YEAR BOOK OF OBSTETRICS AND GYNECOLOGY (August, 1949—July, 1950)—J. P. Greenhill, ed.—*Year Book Publishers*, 570 p., illus., \$5.00. Presents advances made in obstetrics and gynecology during the past year.

OPERATIONAL CALCULUS: Based on the Two-Sided Laplace Integral—Balth. Van der Pol and H. Bremmer—*Cambridge University Press*, 415 p., illus., \$10.00. An advanced mathematics text of British origin.

PHYSICAL EDUCATION IN THE SCHOOL CHILD'S DAY—Simon A. McNeely and Elsa Schneider—*Gov't. Printing Office*, Federal Security Agency Bull. 1950, No. 14, 94 p., illus., paper, 30 cents.

POPULATION GENETICS AND ANIMAL IMPROVEMENT: As Illustrated by the Inheritance of Egg Production—I. Michael Lerner—*Cambridge University Press*, 342 p., illus., \$5.50. A mathematical presentation. Of British origin.

PRACTICAL NURSING CURRICULUM: Suggestions for Developing A Program of Instruction Based Upon the Analysis of the Practical Nurse Occupation—Arthur B. Wrigley, Director of the Study—*Gov't. Printing Office*, Federal Security Agency Misc. No. 11, 140 p., illus., paper, 65 cents.

PROBLEMS OF CYTOLOGY AND EVOLUTION IN THE PTERIDOPHYTES—I. Manton—*Cambridge University Press*, 316 p., illus., \$8.50. An advanced college text on ferns. Of British origin.

PROGRESS IN GYNECOLOGY, Vol. II—Joe V. Meigs and Somers H. Sturgis, Eds.—*Grune and Stratton*, 821 p., illus., \$9.50. Some of the latest advances in the field of gynecology are described.

REPORT OF THE COMMITTEE ON THE MEASUREMENT OF GEOLOGIC TIME 1949-1950—John Putnam Marble, Chairman—*National Research Council*, 118 p., paper, \$1.00. Presents an analysis of the methods for absolute measurement of geologic time and allied subjects received by the committee during the last year.

SELECTED PROCEDURES IN TEACHING BIOLOGY—E. Irene Hollenbeck and Elmo Nall Stevenson—*Oregon State College Press*, 57 p., paper, 75 cents.

SKULL FRACTURES AND BRAIN INJURIES—Harry E. Mock—*Williams and Wilkins*, 806 p., illus., \$13.50. A general surgeon presents his personalized, practical approach to this field of medicine.

SPECIES OF SELENOPHOMA ON NORTH AMERICAN GRASSES—Roderick Sprague and A. G. Johnson—*Oregon State College Press*, 43 p., illus., paper, 75 cents.

THE STORY OF MOUNTAINS—Ferdinand C. Lane—*Doubleday*, 488 p., illus., \$6.50. A description of the mountains in the world. Profusely illustrated with full paged black and white photographs.

STUDIES IN LOBOTOMY—Milton Greenblatt, Robert Arnot and Harry C. Solomon, Eds.—*Grune and Stratton*, 495 p., illus., \$10.00. A monograph on an important brain operation.

UNITED STATES ATOMIC ENERGY COMMISSION RADIATION INSTRUMENT CATALOG—AEC Radiation Instruments Branch—*AEC Technical Information Service*, (Distributed by Office of Technical Services, U. S. Dept. of Commerce), Catalog No. 2, Parts 1 & 2, unpagged, illus., paper, \$2.00 for both parts. A catalogue of commercially available radiation instruments.

THE URINARY FUNCTION OF THE KIDNEY—A. V. Wolf—*Grune and Stratton*, 363 p., illus., \$7.50. A monograph discussing many of the latest developments in renal physiology and related fields.

VARIABILITY OF AGRONOMIC AND SEED COMPOSITIONAL CHARACTERS IN SOYBEANS AS INFLUENCED BY VARIETY AND TIME OF PLANTING—Martin G. Weiss and others—*Gov't. Printing Office*, U. S. Dept. of Ag. Tech. Bull. No. 1017, 39 p., illus., paper, 15 cents.

VERTICAL FARM DIVERSIFICATION—D. Howard Doane—*University of Oklahoma Press*, 183 p., illus., \$2.75. Methods of grading, processing and direct selling are presented.

WHERE CHILDREN LIVE AFFECTS CURRICULUM—Effie G. Bathurst—*Gov't. Printing Office*, Federal Security Agency Bull. 1950, no. 7, 77 p., illus., paper, 25 cents. The author suggests curricular improvements for different parts of the country.

Science News Letter, December 16, 1950

PUBLIC HEALTH

Tattooing May Spread Virus of Jaundice

► **WARNING** to sailors and other servicemen: Think twice before getting tattooed. You may get a liver inflammation with jaundice from the tattooing.

Among 26 enlisted men in the hospital in Panama City with this jaundice, 18 had been tattooed in Panama City, 17 at the same place, and all of them within the time it takes jaundice to develop after virus gets into the body. The cases are reported by Dr. Ballard F. Smith, now at the Veterans Administration Hospital in Buffalo, N. Y., (*JOURNAL, AMERICAN MEDICAL ASSOCIATION*, Dec. 2).

After seeing these cases, Dr. Smith investigated further and became convinced the jaundice virus was being spread with the tattoo needle and dye. All tattooing was ordered suspended in Panama City and Colon until the operators had been instructed in more hygienic methods. After that, two establishments on the Pacific side and one on the Atlantic side of the Canal Zone reopened and followed the approved procedure.

Science News Letter, December 16, 1950



Christmas Trees

► **THIS** is the season when 28,000,000 little trees are brought into 28,000,000 unseasonably warm front parlors and loaded down with enough tinsel, twinkling balls and colored lights to build a glittering highway from earth to the moon.

The little evergreens never flowered when they grew out of doors. Suddenly they sprout bright candles or complete electric systems for blossoms. Apples, oranges and candy canes appear in their boughs in a burst of fruit. It takes real magic for such things to occur. But this is a time of benign magic.

Christmas trees, like many other things which decorate homes at Yuletide, are older than Christmas itself. They were first used in lands far from Bethlehem. They belong to the North, to dark and savage lands beyond the Rhine and the Danube.

The favorite Christmas tree in America is the spruce. There are several types of spruce, but they all can be spotted by their short, sharp, prickly needles, each one standing on a miniature pedestal by itself. Their small cones hang downward.

Then there is the fir, close cousin of the spruce. Firs have softer needles, usually curved, and their cones stand straight up.

Pine trees, often used at Christmas, can be told from spruce or fir by the fact that their needles come in bunches or pairs instead of singly. White pines always have five needles in a bunch. The various yellow pines have less than five—usually two.

Red cedar has very fine, feathery branches of small pointed leaves. *Arbor-vitae*, a relative of the red cedar, has leaves flattened into tiny scales which completely cover the twigs on which they grow.

Gigantic is the merchandising machine which brings millions of these trees from mountain forests to city street corners, all within the brief month between Thanksgiving and Christmas Eve.

Yet only in rare instances does this mighty splurge of woodland cutting hurt the forest. If the Christmas tree marketer cuts selectively, his thinning helps the remain-

ing trees to grow, trees which might otherwise have died from crowding.

Many families do not buy a cut tree at all, but instead a small spruce or fir planted in a tub. They use this as a perennial Christmas tree, bringing it indoors each December, sinking the tub in the garden during the remainder of the year. Children and tree grow together, until one day the parlor ceiling is suddenly too low. The magic still lives, but the tub is outgrown.

Science News Letter, December 16, 1950

NUTRITION

Bottled Pancakes Soon From the Milkman

► **FIVE** new or newly-packaged dairy products may soon be delivered to your doorstep by the milkman, according to H. B. Hubbell of the dairy industry division of the University of California Agricultural Experiment Station.

Here's what you can look forward to:

1. Milk in any of several popular fruit flavors—raspberry, strawberry, cherry, and orange. And of course, there is always the old favorite, chocolate milk.

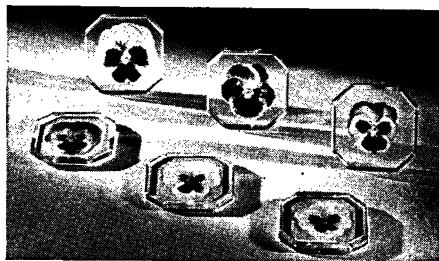
2. Half-and-half, a cereal cream that takes the place of the top milk that is disappearing with the rise in favor of the homogenized product.

3. A new bottled pancake mix, ready to pour on the skillet for breakfast hot cakes, containing fresh milk products. A similar waffle mix is also on the market. These are packaged in paper containers and may be ordered for delivery along with the morning milk, butter, and the various cottage cheeses.

4. Sour cream—also a popular dairy food. Its use is similar to that of mayonnaise. Seasoned, it makes an excellent dressing for fruit and vegetable salads.

5. Yogurt—while not new—is now packaged in half-pint containers. It is being widely used in reducing diets. Containing the milk-solids-not-fats, it has many uses indicated on the paper carton in which it comes.

Science News Letter, December 16, 1950



REAL PANSY COASTERS

These attractive coasters were made by embedding real pansies in Castolite, a new liquid casting plastic. With it students embed real flowers, butterflies, shells, photos, medals, etc. to make unusual jewelry, buttons, coasters, plaques, tiles, book ends, trays, other distinctive objects. Successfully used by hundreds of schools and colleges. Write for new FREE folder "Liquid Magic" showing things students can make. Many ideas for Christmas. The Castolite Company, Dept. TP-50, Woodstock, Ill.