

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.

THE BEST LOVED TREES OF AMERICA: Intimate Close-Ups of Their Year-Round Traits—Robert S. Lemmon—*American Garden Guild and Doubleday*, 254 p., illus., \$3.50. The biography of your favorite tree as well as many others, with beautiful photographs showing bloom, leaf, bark and complete form.

EFFECTS OF CERTAIN METHODS OF FEEDING AND MANAGING RABBITS IN COMMERCIAL FRYER PRODUCTION—George S. Templeton—*Govt. Printing Office, USDA Circular No. 901*, 16 p., illus., paper, 10 cents. More than 40,000,000 pounds of rabbit meat are consumed annually in the U. S. Fryers are preferred.

EXCHANGE OF PERSONS: The Evolution of Cross-Cultural Education—Guy S. Metraux—*Social Science Research Council*, 53 p., paper, 50 cents. Tracing the custom of studying abroad back to the days of the Romans.

FERROMAGNETIC PROPERTIES OF METALS AND ALLOYS—K. Hoselitz—*Oxford University Press*, 317 p., \$8.00. Selection of the material for this book has been determined by the needs of the author in his own work.

FIX YOUR FORD: V8's and 6's 1932 to 1952—Bill Toboldt—*Goodheart-Willcox*, 208 p., illus., \$2.50. The editor of Motor Service Magazine tells you how to save money by getting more gasoline and tire mileage and by doing many repair jobs for yourself.

A HEALTHY PERSONALITY FOR YOUR CHILD—Children's Bureau—*Govt. Printing Office, Children's Bureau Publication No. 337*, 23 p., illus., paper, 15 cents. Counseling parents on how to give their children security and normal development.

AN INTRODUCTION TO MODERN THERMODYNAMICAL PRINCIPLES—A. R. Ubbelohde—*Oxford University Press*, 2d ed., 185 p., \$4.25. Based on lectures delivered in the department of thermodynamics in Oxford.



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THE MANUAL OF CORPORATE GIVING—Beardsley Ruml and Theodore Geiger, Eds.—*National Planning Association*, 415 p., \$6.75. Information for business men who want to take advantage of the five percent tax deduction for contributions to the support of educational, scientific and welfare activities.

THE NATION'S LEADING HOUSE MAGAZINES: A Public Relations Guide to 1400 Major Publications Totaling 55,000,000 Circulation—*Gebbie Press*, 181 p., illus., paper, \$20.00. An alphabetical list by company issuing, an index by title and a geographical list. Material used by each magazine is presented as well as format and a halftone showing the cover.

THE ORIGIN OF LIFE AND THE EVOLUTION OF LIVING THINGS—Olan R. Hyndman—*Philosophical Library*, 648 p., \$8.75. Presenting the author's "environmental theory" which may not receive general agreement.

PRINCIPLES OF CHEMISTRY—Joel H. Hildebrand and Richard E. Powell—*Macmillan*, 6th ed., 444 p., illus., \$7.50. A college text in chemistry as it is taught at the University of California.

PROBLEMS HISTORICAL AND NUMISMATIC IN THE REIGN OF AUGUSTUS—H. R. W. Smith—*University of California Press*, 88 p., illus., paper, \$1.00. A study of a numismatic curiosity in the form of an ancient coin which may be a forgery or may be "a booby-trap for rash incredulity."

SCIENCE IN ALASKA: Selected Papers of the Alaskan Science Conference of the National Academy of Sciences, National Research Council—Henry B. Collins, Ed.—*Arctic Institute of North America*, 305 p., illus., paper, \$2.25. Complete text of 23 papers reviewing research in Alaska in all fields from anthropology to zoology.

SOIL MECHANICS FOR ROAD ENGINEERS—Department of Scientific and Industrial Research, Road Research Laboratory—*Her Majesty's Stationery Office*, 541 p., illus., \$6.75. A practical book based mainly on research by the British Road Research Laboratory during the past 15 years.

TRATADO DE ENFERMERIA TEORICA Y PRACTICA—Bertha Harmer and Virginia Henderson—*La Prensa Medica Mexicana*, Mexico City, translated from Macmillan's 4th ed., 1045 p., illus., \$6.00. Spanish translation of a text by authors at McGill University and Columbia University prepared with the collaboration of the Pan American Sanitary Bureau, under the program of the Department of State administered by Science Service.

TURKISH CROSSROADS—Bernard Newman—*Philosophical Library*, 258 p., illus., \$4.75. A writer of novels, travel books and detective stories, tells what he saw in a recent trip around Turkey.

WORLD POPULATION PROBLEMS AND BIRTH CONTROL—C. G. Hartman, Chairman—*New York Academy of Sciences*, 250 p., illus., paper, \$3.00. Papers resulting from a conference to discuss the economic and other problems of caring for greatly increased populations.

Science News Letter, July 12, 1952

MEDICINE

ACTH Aids Recovery From Delirium Tremens

► DELIRIUM TREMENS can be conquered and lives saved by treatment with one of the anti-arthritis chemicals, ACTH.

A group of doctors from the Fordham Hospital, Bronx, N. Y., report in the JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION (July 5) the case histories of two DT cases, for one of which corticotropin (ACTH) was available.

The patient who was rescued by ACTH given intravenously was in an extremely grave, moribund condition until the treatment began. He recovered in an amazingly short time, about 36 hours, after only 50 milligrams of the drug in glucose solution had been given him.

Giving of sedatives, such as paraldehyde and phenobarbital, was futile, as shown both in the case of the man who recovered and the one without ACTH therapy who died in the fourth day after being hospitalized.

The physicians, Dr. Karl Fischbach, Eunice M. Simmons and Randle E. Pollard, emphasize both the rapid effect of corticotropin given intravenously and the adequacy of small doses given in this manner. Persons in delirium tremens are suffering from not only the ravages of alcohol but also from marked nutritional deficiencies because they do not eat while drinking excessively.

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HORTICULTURE

New Type Lemon Picker Reduces Injury to Fruit

► A NEW type lemon picker and an improved method of picking reduce injury to fruit and cut harvesting costs, scientists in Berkeley, Calif., report.

Fruit-picking rate is increased by 30%, field trials of the cutting instrument show. In terms of the 1951 lemon crop, this increase in productivity could have reduced harvesting costs by \$400,000 last year, Dr. L. E. Davis and E. P. De Garmo of the University of California, Berkeley, and Dr. R. J. Smith of the University's College of Agriculture at Los Angeles report.

The design of the clipper blades is such that as the clipper is placed on the lemon button and closed, the blades ride on the button and cut the stem off at its juncture with the fruit. This feature reduces to a minimum the defect identified as cut-buttons, once a prime cause of rejects.

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