

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 organization.

THE ANATOMY OF COMMUNISM—Andrew MacKay Scott—*Philosophical Library*, 197 p., \$3.00. In this critical analysis of the Marxian theoretical system and its relation to Communist practice, the author finds that the trouble with Marxian ideas "is not that they are wholly false but that they are only partly true."

ANNUAL REPORT FOR THE YEAR ENDING JUNE 30, 1951—*American National Red Cross*, 62 p., illus., paper, free upon request to publisher, 17th and D Sts., N. W., Washington 13, D. C. An accounting to the American public of what it has done through its Red Cross.

CONCERNING FOOD AND HEALTH: A Report to the Public on a Decade of Adventure in Science, 1942-1951—*The Nutrition Foundation, Inc.*, 73 p., illus., paper, free upon request to publisher, Chrysler Building, New York 17, N. Y. Since its organization in 1941, the Foundation has done much to encourage basic research in nutrition and to help the public become aware of and use the nutrition knowledge now available.

THE CONSERVATION OF PAINTINGS—Robert L. Feller—*Mellon Institute*, 4 p., illus., paper, free upon request to publisher, 4400 Fifth Ave., Pittsburgh 13, Pa. Reprinted from *Carnegie Magazine* for January, 1952.

EARLY MAN IN THE EDEN VALLEY—John H. Moss and others—*The University Museum*, 124 p., illus., paper, \$1.50. These papers on the geologic, archaeologic, paleobotanic and paleontologic studies at the site, near Eden, Wyoming, of the original discovery of "Yuma" artifacts, are intended to provide a better basis for relating "Yuma" culture with the history of Early Man in North America.

EX-ITALIAN SOMALILAND—E. Sylvia Pankhurst—*Philosophical Library*, 460 p., illus., \$7.50. The various stages of the Italian occupation

of the Somaliland colony and its present position are discussed. The lack of information about Somaliland's people and the "appallingly harsh" conditions of their life are deplored.

HOW MUCH DO YOU KNOW ABOUT ALCOHOL?—Thomas R. Carskadon—*Association Press*, 31 p., illus., paper, 10 cents. Some popular opinions about alcohol and its effects are confronted with scientific fact and common sense.

INTERRELATIONS BETWEEN DISTILLATION CURVES—John R. Bowman, *Mellon Institute*, 3 p., paper, free upon request to publisher, 4400 Fifth Ave., Pittsburgh 13, Pa. Reprinted from *Industrial and Engineering Chemistry*, November, 1951.

MARKET DISEASES OF FRUITS AND VEGETABLES: Apples, Pears, Quinces—Dean H. Rose, L. P. McCulloch, and D. F. Fisher—*Govt. Printing Office*, USDA Miscellaneous Publication No. 168, revised ed., 72 p., illus., 55 cents. Designed to help in recognizing and identifying economically important diseases of fruits and vegetables, this publication also gives information on prevention.

PENICILLIN DECADE, 1941-1951: Sensitizations and Toxicities—Lawrence Weld Smith and Ann Dolan Walker—*Arundel Press*, 122 p., \$2.50. This review of the published data on undesirable effects of penicillin leads the authors to conclude that "While the actual toxicity of penicillin is almost negligible, its ability to sensitize and to cause serious and even fatal accidents should not be minimized." The bibliography lists 342 references.

SEARCH FOR THE SPINY BABBLER: An Adventure in Nepal—S. Dillon Ripley—*Houghton*, 301 p., illus., \$4.00. The story of an ornithological expedition to this remote, nearly inaccessible country.

SHOULD I RETIRE?—George H. Preston—*Rinehart*, 181 p., \$2.50. Factual information on the mental and physical health, and economic aspects involved in retirement.

SHRUB PLANTINGS FOR SOIL CONSERVATION AND WILDLIFE COVER IN THE NORTHEAST—Frank C. Edminster and Richard M. May—*Govt. Printing Office*, USDA Circular No. 887, 68 p., illus., paper, 30 cents. Observed results of test plantings made in the late 1930's are the basis for the recommendation of 23 species.

THE THEORY OF ATOMIC SPECTRA—E. U. Condon and G. H. Shortley—*Cambridge*, 441 p., illus., \$11.00. A reprint, with corrections, of this standard work first printed in 1935.

USE OF CHEMICAL ADDITIVES IN FOODS—Food Protection Committee—*National Research Council*, 24 p., paper, single copies free upon request to publisher, 2101 Constitution Ave., N. W., Washington, D. C. (10 cents a copy for orders of 10 or more). The quality and sanitary characteristics of our foods have been improving, and there is no evidence that disease epidemics or other health hazards have resulted from the use of chemicals in crop production or in food production.

Science News Letter, January 26, 1952

DENTISTRY

Learning How to Use False Teeth

➤ SOME OF the troubles people have when first fitted with a set of false teeth are matters the dentist must correct. But some of them are problems for the patient to solve.

It helps if patient and dentist talk the matter over beforehand, so that the patient knows what to expect and what not to expect in the way of service from his new teeth. One thing he will learn, incidentally, is that dentists call these replacements dentures.

"There are certain tricks to wearing dentures and these should not be left to the patient's ingenuity to discover," states Navy Capt. Frank M. Kyes of the Naval Dental School at Bethesda, Md., in a report to the JOURNAL OF THE AMERICAN DENTAL ASSOCIATION. Among the tricks for patients to learn he gives the following:

1. Push inward and upward when biting such foods as apples and carrots.
2. Tighten the corners of the mouth against the lower flange when the mouth is opened wide.
3. Try to chew with an up and down motion, using a minimum of side movement.
4. Keep the tongue low and well forward in the mouth to stabilize the lower denture.
5. Close, suck and swallow frequently when first wearing dentures because such action seats the dentures firmly.

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INVENTION

Improved Equipment Aids Airplane Fueling in Flight

➤ IMPROVED EQUIPMENT for refueling an airplane in the air from a flying tanker plane has been issued a patent by the government. The ability to make an easy and quick connection of the receiving plane with the trailing tube through which fuel passes from the tanker is claimed as its feature.

The flexible connecting hose that is played out to trail below the tanker plane and be picked up by the craft to be refueled carries on its end what is called a "bird." This is a mechanical device with airfoil means for stabilizing it both longitudinally and directionally. This makes it a relatively stationary target for the boom on the receiving plane and easily picked up when the planes are traveling at the same speed in the same direction. Electromagnetism in bird and boom assists automatic coupling.

Inventor is Frederick I. Steele, Columbus, Ohio. Patent 2,582,609 was his award. Rights have been assigned to Curtiss-Wright Corporation whose airplane division is also in Columbus.

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Yosemite Field School

A Workshop in Interpretive Methods

Twenty selected college graduates will have the opportunity to spend the summer in Yosemite National Park under the tutelage of the National Park Service Naturalist Division. They will receive intensive, varied training in the presentation of natural and human history to the public, and in the techniques of interpretation—on nature walks, with children, at campfires. Also considered will be related matter such as museum methods and the use of museum and library materials. Twelve days will be spent in the High Sierra, an opportunity for maturing, exhilarating personal experience. Students pay own expenses, plus modest incidental fee.

Application deadline, February 28.

For prospectus, address:

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