

# • Books of the Week •

**CHEMISTRY OF FOOD AND NUTRITION**—Henry C. Sherman—*Macmillan*, 675 p., tables and illus., \$3.75, 7th ed. The principles of food chemistry and nutrition with as many of the scientific facts as are deemed important for an effective grasp of the subject; a textbook designed to meet the needs of college students, but which will also be of service to other readers. A new edition containing recent advances.

**COSMETICS AND DERMATITIS**—Louis Schwartz, M.D. and Samuel M. Peck, M.D. *Hoerber*, 189 p., tables and illus., \$4. A survey of modern cosmetics and their effects on the skin; an important neglected subject is helpfully handled here by two authorities.

**DOCTORS EAST, DOCTORS WEST: An American Physician's Life in China**—Edward H. Hume, M.D.—*Norton*, 278 p., illus., \$3. Dr. Hume's personal record of building a medical center in Changsha, China, where Chinese and Americans worked side by side in the pursuit and application of medical knowledge.

**EVOLUTION OF PLASTIC SURGERY**—Maxwell Maltz, M. D.—*Froben Press*, 368 p., illus., \$5. A history, covering the entire field, from the Stone Age to the most recent surgical developments.

**EXPERIMENT IN GERMANY: The Story of an American Intelligence Officer**—Saul K. Padover—*Duell*, 400 p., \$3.75. A unique story of Dr. Padover's experience as an OSS agent in Germany, where it was his

job to investigate the state of mind of an enemy nation at war.

**THE HOW OF THE HELICOPTER**—Alfred H. Stevens, Jr.—*Cornell Maritime Press*, 58 p., illus., \$2. How helicopters were invented; how they fly; how they are flown; how they are used today and may be used tomorrow. Text and drawings for teenagers.

**KEYS TO THE COMMON FLESHY FUNGI**—Clyde M. Christiansen—*Burgess*, 45 p., illus., paper, \$1.50. Designed to be helpful to beginners, amateur and professional, who plan to work in the field alone

**LABOR IN THE PHILIPPINE ECONOMY**—Kenneth K. Kurihara—*Stanford Univ. Press*, 97 p., tables and illus., \$2. An examination of the task remaining to be done in furthering the welfare of the Philippine people, as a step toward the economic reconstruction of the Philippine Islands. Issued under the auspices of the American Council Institute of Pacific Relations.

**MODERN PRACTICAL ACCOUNTING: Elementary**—Earl A. Saliers—*American Technical Society*, 365 p., illus., \$4. An introduction to the basic principles which underlie all accounting procedures.

**OHIO STATE AND OCCUPATIONS**—Occupational Opportunities Service, Ohio State Univ.—*Ohio State Univ. Press*, 198 p., paper, \$1.50. A collection of brief descriptions of occupations open to college graduates, classified according to curricula or college major.

**OUR TREES: How to Know Them**—Arthur I. Emerson and Clarence M. Weed—*Lippincott*, 295 p., illus., \$3, 5th ed. Photographs from nature, with a guide to the recognition of trees at any season of the year and notes on their characteristics, distribution, and culture.

**RUBBER RED BOOK: Directory of the Rubber Industry**—*The Rubber Age*, 691 p., illus., \$5.

**SCIENCE, LIBERTY AND PEACE**—Aldous Huxley—*Harper*, 86 p., \$1. A thoughtful analysis of the individual today and his future in the world.

**SCIENCE YEAR BOOK OF 1946**—J. D. Ratcliff, ed.—*Doubleday*, 245 p., \$2.50. A collection of essays on progress during the war years in the fields of physics and chemistry, medicine, agriculture, aviation and other sciences.

**STRANGE CUSTOMS, MANNERS AND BELIEFS**—A. Hyatt Verrill—*L. C. Page*, 302 p., illus., \$3.75. Unique stories of taboos, charms and fetishes, deadly savage weapons, primitive games and musical instruments, odd marriage rites, burial customs, and many other curious viewpoints and practices of man.

**THIS IS THE PEACE**—Violet Anderson, ed.—*Bruce Humphries*, 118 p., paper, \$1.75. Addresses given at the Canadian Institute on Public Affairs, August 18 to 25, 1945.

**TREES FOR AMERICA**—*American Forest Products Industries, Inc.*, tables, paper, free. A report of the tree-growing conference in New York on March 1, 1946,

sponsored by the American Forest Products Industries; an outline of the objectives of this program and the means by which these objectives may be reached.

**UNHAPPY MARRIAGE AND DIVORCE**—Edmund Bergler, M.D.—*International Universities Press*, 167 p., \$2.50. A psychoanalytic study of neurotic choice of marriage partners.

*Science News Letter, May 4, 1946*

## PUBLIC HEALTH

### Civilian Amputees Need Rehabilitation Programs

► REHABILITATION programs are needed for civilian amputees no less than for salvaged battle casualties, members of the American Philosophical Society were told by a physician-journalist, Dr. Howard A. Rusk, associate editor of the *New York Times*. As a colonel in the Army Air Force during the war, Dr. Rusk set up the first rehabilitation program for disabled fighters and thus initiated a movement that has been highly successful.

"Few Americans realize that for every disabled soldier there are scores of equally or more severely handicapped civilians," Dr. Rusk declared. "From Pearl Harbor to V-J Day there were approxi-



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mately seventeen thousand amputations in the Army, but during that same period there were over 120,000 major amputations from disease and accidents among our civilian population. Each year over 350,000 Americans become permanently disabled by accident alone."

That physically handicapped persons are anything but human wreckage was decisively demonstrated during the war, the speaker indicated. Then, because of manpower shortage, many thousands of them got jobs that had previously been denied them. They showed themselves competent, and had a lower absentee record than that of their more fortunate brethren at the same benches.

Dr. Rusk called for a comprehensive program of rehabilitation for handicapped civilians:

"Funds and authority for bringing comparable opportunity to America's civilian handicapped are available, but there are not sufficient facilities with trained personnel, experience and equipment to do the actual work.

"Preventive medicine and curative medicine and surgery have made great advances. The third phase of medical care—rehabilitation and convalescence care—must be expanded to bridge the gap now existent from the bed to the job and normal activity."

*Science News Letter, May 4, 1946*

#### GENERAL SCIENCE

### Science-Government Cooperation Praised

► HERE'S ANOTHER great war-science achievement that ranks with the atomic bomb and the proximity fuze:

"A working relationship between central government and highly qualified scientific and technical people" which makes possible the discoveries.

This wartime cooperation must con-

tinue for the development of science in peacetime, Dr. M. L. Tuve, head of the department of terrestrial magnetism of the Carnegie Institution of Washington and former director of one section of the proximity fuze project, told the National Academy of Sciences meeting.

Describing the organization that produced the fuze, termed America's No. 2 secret weapon, Dr. Tuve declared that the important thing we learned during the war is the need during peace for this mechanism.

Far more than our military establishments is involved, Dr. Tuve said. The Office of Scientific Research and Development contract program, he cited, showed how specifically qualified individuals as a whole participate effectively in decisions and actions of the national government without losing their diversity of status and viewpoint as members of the general civilian community outside of the government.

*Science News Letter, May 4, 1946*

#### GENERAL SCIENCE

### Atomic Scientists Among Guggenheim Winners

► FIVE ATOMIC scientists are among the 132 persons receiving fellowship awards totalling \$360,000, the John Simon Guggenheim Memorial Foundation has announced.

Japanese-born Dr. Shuichi Kusaka, a U. S. Army pfc., is one of the winners. Dr. Kusaka plans to work with Dr. J. Robert Oppenheimer at the California Institute of Technology and with Dr. Wolfgang Pauli of the Institute for Advanced Study, Princeton, N. J.

Other atomic scientists receiving Guggenheim Fellowships are Dr. William George McMillan, Jr., Institute of Atomic Physics, University of Chicago, who worked on the Manhattan District; Dr. Robert L. Platzman, Metallurgical Laboratory, University of Chicago, who plans to work with Prof. Niels Bohr at the University of Copenhagen, Copenhagen, Denmark; Dr. James Alfred Van Allen, research physicist at Johns Hopkins University, who will go to the University of California, Berkeley, Calif.; and Dr. Wayne Eskett Hazen, University of California.

Dr. Hazen will make a study of cosmic rays at extremely high altitudes in unmanned balloon flights and in high altitude airplane flights, the Foundation reported.

Forty-one other scientists are among the fellowship winners.

*Science News Letter, May 4, 1946*

### SURPLUS OFFERINGS

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