

# 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.

**BIBLIOGRAPHY AND INDEX OF GEOLOGY EXCLUSIVE OF NORTH AMERICA: Vol. 17**—Marie Siegrist, Mary C. Grier, and Marcia Lakeman—*Geological Society of America*, 621 p., \$5.75. This volume covers South America, Europe, Asia, Africa, Australia, Iceland and ocean islands. It includes references to material published during 1952 and older material not previously cited.

**ELECTRICITY AND MAGNETISM**—Edson Ruther Peck—*McGraw-Hill*, 476 p., illus., \$7.50. For the advanced undergraduate student with a background of general physics and calculus.

**GOURMET COOKING FOR CARDIAC DIETS**—Florence Field—*World Publishing Company*, 350 p., illus., \$3.50. Help in planning daily menus and in cooking special dishes that will provide food with zest and palatability, not only for the patient but for the whole family.

**HIGHER TRANSCENDENTAL FUNCTIONS: Volume II**—Based in part on notes left by Harry Bateman and compiled by the Staff of the Bateman Manuscript Project—*McGraw-Hill*, 396 p., \$7.50. A reference work on advanced mathe-

atics prepared at California Institute of Technology under contract with the Office of Naval Research.

**INTERRELATIONS BETWEEN THE SOCIAL ENVIRONMENT AND PSYCHIATRIC DISORDERS: Papers Presented at the 1952 Annual Conference of the Milbank Memorial Fund**—*Milbank Memorial Fund*, 265 p., paper, \$1.50. Discussion by leaders in various fields of the many factors in the cultural as well as physical environment which affect mental health or illness.

**J. ROBERT OPPENHEIMER AND THE ATOMIC STORY**—J. Alvin Kugelmas—*Messner*, 179 p., illus., \$2.75. The story of the life of one of the men most intimately connected with the development of the atomic bomb.

**JOHNNY GOES TO THE HOSPITAL**—Josephine Abbott Sever—*Houghton Mifflin*, 32 p., illus., paper, \$1.00. A book for parents to read to a child who faces a trip to the hospital. Prepared under the direction of a physician.

**LABORATORY EXPERIMENTS WITH RADIOISOTOPES FOR HIGH SCHOOL SCIENCE DEMONSTRATIONS**—Samuel Schenberg, Ed.—*Govt. Printing Office*, 53 p., illus., paper, 25 cents. Prepared for science teachers under the auspices of the Atomic Energy Commission.

**THE MAMMALS OF MINNESOTA**—Harvey L. Gunderson and James R. Beer—*University of Minnesota Press*, 190 p., illus., \$3.50. Not intended as a complete treatise, this book is for use by schools and laymen interested in animals.

**MENTAL HEALTH IMPLICATIONS IN CIVILIAN EMERGENCIES**—Subcommittee on Civil Defense, National Advisory Mental Health Council—*Govt. Printing Office*, 25 p., paper, 15 cents. There is no wonder drug which can be swallowed or taken by injection to insure against panic and emotional breakdown, but nevertheless there is much that can be done to care for mental health.

**MIRROR OF FLOWERS**—Dorothea Eastwood—*Houghton Mifflin*, 237 p., illus., \$3.50. For the flower lover who has no ambition to become a botanist.

**THE OUTLOOK FOR WOMEN IN PROFESSIONAL NURSING OCCUPATIONS**—*Govt. Printing Office*,

80 p., illus., paper, 30 cents. Evaluating the nursing profession as a career for young women.

**THE PHYSIOPATHOLOGY OF CANCER: A Treatise for Investigators, Physicians, and Students**—Freddy Homburger and William H. Fishman, Eds., *Hoebner-Harper*, 1031 p., illus., \$18.00. No one individual, no one discipline, can hope for the mastery of a complex problem like that of cancer. This book attempts the comparison and coordination of information from various fields. Contributed by 28 specialists.

**RAROA: Happy Island of the South Seas**—Bengt Danielsson, translated from the Swedish by F. H. Lyon—*Rand McNally*, 304 p., illus., \$4.50. Readers of *Kon-Tiki* will remember the author of this book as the tall, bearded Swede who was one of the crew. Interested in the little island where the raft crashed, Bengt Danielsson, an anthropologist, returned for a year's study.

**STUDIES ON CHROMOSOMES AND NUCLEAR DIVISION: Transactions of the American Philosophical Society, New Series, Volume 43, Part 3, 1953**—L. R. Cleveland—*American Philosophical Society*, 60 p., illus., paper, \$1.50. Reporting research on chromosome behavior, aided by a grant from the American Cancer Society.

**THE WEB OF LIFE: A First Book of Ecology**—John H. Storer—*Devin-Adair*, 144 p., illus., \$3.00. All living things, Fairfield Osborn says in an introduction, are related to each other. This book is a study of the many interrelationships. Of particular interest to agricultural students.

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\*Letter on file.

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