

Books of the Week

► THE GEOLOGICAL origin, climate, resources and people of Pacific islands formerly mandated to Japan are presented by William Herbert Hobbs in *FORTRESS ISLANDS OF THE PACIFIC*. The volume contains 83 original maps and diagrams and 24 drawings from photographs taken by the author. It is a publication of particular interest at this time because some of these islands may remain possessions of the United States. (J. W. Edwards, \$2.50.)

Science News Letter, October 20, 1945

► THE DEVELOPMENT of mathematical ideas from their simple beginnings to their modern complexity in science, engineering, aeronautics and navigation are traced in an interesting readable book, *THE RIVER MATHEMATICS* by A. Hooper. It can be read for pleasure, or for pleasure and profit. (Henry Holt, \$3.75.)

Science News Letter, October 20, 1945

► BOTH THE chemistry and the practical utilization of plastics are treated in the *TECHNOLOGY OF PLASTICS AND RESINS*, by Dr. J. Philip Mason and Dr. Joseph F. Manning. It is a book for those who have had introductory courses in general and organic chemistry. (Van Nostrand, \$6.50.)

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► EXTENSIVE information for tool engineers, millwrights and factory managers is contained in *MACHINE TOOL GUIDE*. Its 780 pages include drawings, dimensions,

specifications, and important data on machine tools, prepared with the help of 61 of the most important manufacturers. The guide was prepared by Tom C. Plumridge, Roy W. Boyd, Jr., and James McKinney, Jr. (*American Technical Society*, \$7.50.)

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Just Off the Press

AMERICAN PHARMACY, 1945—Rufus A. Lyman, M.D., ed.—*Lippincott*, 540 p., illus., \$8. A comprehensive work which will serve well the needs of the student and of the teacher in Schools of Pharmacy.

ELECTRIC MOTORS AND GENERATORS: Related Drives, 1945—E. S. Lincoln—*Essential Bks.*, 381 p., illus., \$3. This book covers direct and alternating current motors of all kinds.

ELECTRICAL MEASURING INSTRUMENTS: Measurement and Surveys, 1945—E. S. Lincoln—*Essential Bks.*, 284 p., illus., \$3. This book covers operating principles of all types of industrial electric measuring instruments.

ELECTRICAL PROTECTIVE EQUIPMENT AND POWER-FACTOR CORRECTION: Fire Protection and Fire Fighting Equipment, 1945—E. S. Lincoln—*Essential Bks.*, 242 p., illus., \$3.

INDUSTRIAL ELECTRIC LAMPS AND LIGHTING, 1945—E. S. Lincoln—*Essential Bks.*,

342 p., illus., \$3. This book completely covers every type of industrial lamp with detailed instructions for their use.

OBSERVATIONS AND RESULTS IN PHYSICAL OCEANOGRAPHY, 1945—Dept. of Terrestrial Magnetism—Scientific results of cruise vii of the Carnegie during 1928-1929 under the command of Capt. J. P. Ault. *Oceanography—1-B—Carnegie Institution*, publication no. 545, 315 p., paper, \$3.

PLANT LIFE OF THE PACIFIC WORLD, 1945—Elmer D. Merrill—*Macmillan*, 295 p., illus., \$3.50. One of the Pacific World Series, under the Auspices of The American Committee for International Wild Life Protection.

PLASTER OF PAR'S TECHNIQUE: In the Treatment of Fractures and Other Injuries, 1945—T. B. Quigley—*Macmillan*, 107 p., illus., \$3.50.

THE STORY OF LINEN, 1945—William F. Leggett—*Chemical Pub.*, 103 p., \$2.75. An authentic and concise history of linen compiled in one volume.

TOMORROW'S HOUSE: How to plan your Post-War Home now, 1945, George Nelson and Henry Wright, eds.—*Simon & Schuster*, 214 p., illus., \$3. This book tells you also how to remodel and how to make the best use of the latest materials, equipment and appliances.

WHAT THE INFORMED CITIZEN NEEDS TO KNOW, 1945—Bruce Bliven and A. G. Mezerik—*Duell*, 377 p., \$3. An informed round-table discussion of every great issue facing the United States and the world today.

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To Maintain the Integrity of Hepatic Activity

Protein has been termed one of the most effective dietary principles in safeguarding the integrity of hepatic function against a host of toxic agents. This ability of protein to counteract toxic influences has been demonstrated experimentally by the protection afforded the liver when certain amino acids are administered to the protein-depleted animal immediately prior to chloroform anesthesia.¹ Similar results are reported regarding the influence of arsenicals in protein-adequate and inadequate feedings.

Certain amino acids, especially methionine and cystine, appear to be of prime importance for this protective influence. It may well be that the destructive action of many hepatotoxic agents is exerted through interference with some vital role of methionine in cell metabolism.³

Among man's protein foods meat ranks high, not only because of the percentage of protein contained, but principally because its protein is of excellent quality, presenting all the important amino acids, including methionine and cystine.

¹ Miller, L. L., and Whipple, G. H.: *J. Exper. Med.* 76:421, 1942.

² Messinger, W. T., and Hawkins, W. B.: *Am. J. M. Sc.* 199:216, 1940.

³ Himsforth, H. P., and Glynn, L. E.: *Lancet* 1:457, 1944.



The Seal of Acceptance denotes that the nutritional statements made in this advertisement are acceptable to the Council on Foods and Nutrition of the American Medical Association.

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