

• Books of the Week •

THE ALKALINE-EARTH AND HEAVY-METAL SOAPS—Stanley B. Elliott—*Reinhold*, 342 p., tables and illus., \$7.50. A book to acquaint research chemists and technologists with the manufacture, properties, and typical applications of the alkaline-earth and heavy-metal soaps.

THE AMERICAN HOSPITAL—E. H. L. Corwin—*Commonwealth Fund*, 226 p., tables, \$1.50. A factual analysis of existing hospital conditions in the light of significant evolutionary trends.

THE CHILD FROM FIVE TO TEN—Arnold Gesell, M. D., and Frances L. Ilg, M. D.—*Harper*, 475 p., \$4. A year by year series of psychological portraits with concrete guidance suggestions, covering the following areas of the child's life: motor characteristics, personal hygiene, emotional expression, fear and dreams, self and sex, interpersonal relations, play, school life, ethical sense, and philosophic outlook.

ENVIRONMENTAL WARMTH AND ITS MEASUREMENT: A Book of Reference Prepared for the Royal Naval Personnel Research Committee of the Medical Research Council—T. Bedford—*British Information Services*, 40 p., tables and illus., paper, 25 cents. A study of air temperature, humidity, etc., with special reference to conditions on board ship. (Also **CHARTS FOR THE CALCULATION OF ENVIRONMENTAL WARMTH**, 45 cents.)

KNOTS AND ROPE: Phototold in 195 Pictures—Fremont Davis and Marjorie Van de Water—*Infantry Journal Press*, 86 p., illus., \$2. Visual instruction, with some lines of text, showing how the rope is useful as a tool and how the most complex knots, hitches, and splices can be easily tied and used.

LEAD REPLACEMENTS IN DINNERWARE GLAZES—H. J. Orlowski and John Marquis—*Ohio State Univ. Experiment Station*, 58 p., tables, paper, 50 cents. A study of the leadless glazes. Ohio State Univ. Studies, Engineering Series, Vol. XV, No. 2.

LET'S COOK: A Manual for 4-H Club Members—*Cornell Univ.*, 64 p., illus., paper, 5 cents, Cornell 4-H Club Bull. 73.

LIPPINCOTT'S QUICK REFERENCE BOOK FOR MEDICINE AND SURGERY: A Clinical, Diagnostic, and Therapeutic Digest of General Medicine, Surgery and the Specialties, Compiled Systematically from Modern Literature.—George E. Rehberger, M. D.—*Lippincott*, 1461 p., tables and illus., \$15.00, 13th ed.

THE MAGNETRON AS A GENERATOR OF CENTIMETER WAVES: J. B. Fisk, H. D. Hagstrom, and P. L. Hartman—*American Telephone and Telegraph Co.*, 348 p., tables and illus., paper, \$1. The Bell System Technical Journal, Vol. XXV, No. 2.

MIRACLES FROM MICROBES: The Road to Streptomycin—Samuel Epstein and Beryl Williams—*Rutgers Univ. Press*, 155 p., \$2. A non-technical, full story of antibiotics, the great new highway to human health which science is creating.

PHYSICAL LAND CONDITIONS IN ANDERSON COUNTY, SOUTH CAROLINA—*Government Printing Office*, 46 p., tables and illus., paper, 20 cents. The results of a field survey by E. A. Burgess and party; land-capability tables and recommendations by technicians of the Soil Conservation Service cooperating with the Upper Savannah Soil Conservation District. Physical Land Survey No. 38.

OUR WORLD AND SCIENCE—Samuel R. Powers, Elsie F. Neuner, Herbert B. Bruner, and John H. Bradley—*Ginn*, 684 p., illus., \$2.20, new ed. A textbook in natural science for boys and girls in the early high-school years.

PROCEEDINGS OF THE SOCIETY FOR EXPERIMENTAL STRESS ANALYSIS: Vol. III, No. 2—C. Lipson and W. M. Murray, ed.—*Addison-Wesley*, 166 p., diags. and illus., \$5.

SEX PROBLEMS OF THE RETURNED VETERAN—Howard Kitching, M. D.—*Emerson*, 124 p. \$1.50. Information for the

returned veteran and his wife, to help them rebuild their marriage successfully after the emotional upheaval resulting from separation due to war.

TREE-RING HYDROLOGY OF THE COLORADO RIVER BASIN—Edmund Schulman—*Univ. of Arizona*, 51 p., tables and illus., paper, 60 cents. Laboratory of Tree-Ring Research, Bull. No. 2.

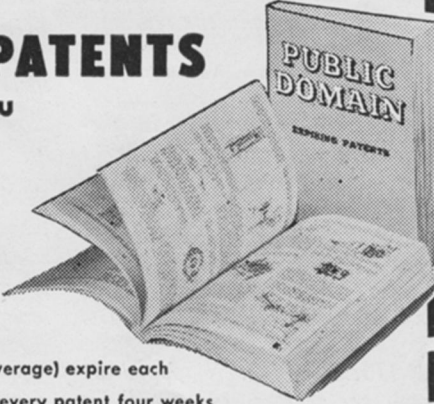
WATCH YOUR STEP: Avoid Farm Accidents—*Government Printing Office*, 32 p., illus., paper, 10 cents. A booklet designed to give the farmer an understanding of the problem of accidents on the farm, and to suggest specific measures for its solution. U. S. Department of Agriculture, Misc. Publ. No. 608.

The first *bicycle* was invented 100 years ago by a village blacksmith of Keir, Scotland; the inventor, Kirkpatrick MacMillan, rode the iron-rimmed wheels 70 miles from Keir to Glasgow.

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