

Books of the Week

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THE ANTHROPOLOGY OF IRAQ: Part I, Number 2: The Lower Euphrates-Tigris Region—Henry Field—*Field Museum of Natural History*, 426 p., illus., paper, \$5.00. Report of an expedition which started in 1934. Almost 200 plates add to the value of this monograph.

BRITISH AGRICULTURAL BULLETIN, Vol. I, No. 3—*British Council*, 152 p., illus., paper, 5 shillings. (\$1.00). Published quarterly and contains articles on leading subjects. For the Agricultural Scientist and the well-informed layman.

CAN LABOR AND MANAGEMENT WORK TOGETHER?—Osgood Nichols and T. R. Carskadon—*Public Affairs Committee*, 32 p., illus., paper, 20 cents. Pamphlet No. 151 is a brief discussion of this foremost problem.

GOETHE AND PHARMACY—George Urdang—*American Institute of the History of Pharmacy*, 76 p., illus., paper, \$2.50. The institute's contribution to the 200th anniversary of the birth of the great poet and naturalist by the director of the institute. Traces the great poet's interest in pharmacy from the time of his early training in that science to late life.

GROUP MEDICINE & HEALTH INSURANCE IN ACTION—Robert E. Rothenberg, and Karl Pickard—*Crown*, 278 p., illus., \$5.00. An account of actual experience in prepaid medicine and group medical practice, this book depicts the experience of a group of doctors who have been serving more than 14,000 people for two years.

THE HARVARD LIST OF BOOKS IN PSYCHOLOGY—Gordon W. Allport and others—*Harvard University Press*, 77 p., paper, \$1.00. A list of 612 books which the members of the instructing staffs of the Departments of Psychology and Social Relations in Harvard consider important and valuable.

JORDAN-BURROWS TEXTBOOK OF BACTERIOLOGY—William Burrows—*Saunders*, 15th ed., 981 p., illus., \$9.00. Revised and partially rewritten.

THE MAPLETON METEORITE—Sharat Kumar Roy—*Field Museum of Natural History*, 10 p., illus., paper, 40 cents. A general account of an iron meteorite found in a corn field in Mapleton, Iowa.

THE MIRACLE DRUGS—Boris Sokoloff—*Ziff-Davis*, 308 p., illus., \$3.00. This book tells of the background to the new antibiotics and sulfonamides, among which are penicillin, streptomycin, neomycin, patulin and aureomycin, and gives the layman information on what the new drugs will do so far as scientists know today.

A NEW ANT-THRUSH FROM BRITISH GUIANA—Emmet R. Blake—*Chicago Natural History Museum*, 2 p., paper, ten cents.

ORGANIZATION OF THE AMERICAN EXPEDITIONARY FORCES—Vol. I: United States Army in the World War 1917-1919—Historical Division of the Department of the Army—*Gov't Printing Office*, 426 p., illus., \$3.00. The first of a

series of volumes to present a widely representative selection of the records believed to be essential to a critical study of the history of that war.

POLICY-FORMING DOCUMENTS AMERICAN EXPEDITIONARY FORCES—Vol. II: United States Army in the World War 1917-1919.—Historical Division of the Department of the Army—*Gov't Printing Office*, 650 p., illus., \$4.00. Documents showing the development of policy at General Headquarters.

REHABILITATION OF THE HANDICAPPED: A Survey of Means and Methods—William H. Soden, Ed.—*Ronald*, 399 p., \$5.00. Articles on medical rehabilitation by leaders in the different fields.

TV PICTURE PROJECTION & ENLARGEMENT—Allan Lytel—*Rider*, 179 p., illus., \$3.30. This book with its numerous illustrations, and its well integrated subject matter will appeal to any one interested in television servicing.

THE USE OF "KIRKSITE" FOR METAL FORMING—John L. Young—*Mellon Institute*, 4 p., illus., paper, free upon request to Mellon Institute of Industrial Research, University of Pittsburgh, Pittsburgh 13, Pa.

THE VERTEBRATE BODY—Alfred Sherwood Romer—*Saunders*, 643 p., illus., \$5.50. A college text with considerable paleontological background.

THE WORLD AS I SEE IT—Albert Einstein—*Philosophical Library*, Abridged Ed., 112 p., \$2.75. A republication of Dr. Einstein's first general book. Excerpts are compiled of his articles, addresses, and pronouncements to show his thoughts on life, the world about him, and on his scientific labors.

Science News Letter, September 3, 1949

PSYCHOLOGY

Dogs Broadcast Reactions By Way of Radio Signals

➤ DOGS not only signal by wagging their tails at Jackson Laboratory but they broadcast to a scientific radio receiver their brain waves, blood pressure and other emotional reflexes.

The canine assistants to the scientists in Bar Harbor, Maine, wear a light-weight harness carrying a little telemetering instrument that broadcasts by low-powered shortwave radio the signals that are picked up by a special receiver that writes a record.

When the dog is made angry or afraid by meeting another dog or an unusual situation, the effects that this emotion produces can be investigated without tangling the animal in a maze of wires as older devices required. The animal, except for the radio pack he carries without trouble, is just as free and unencumbered as he would be frisking about at home.

Part of a program on animal psychology that is expected to help to throw light on why humans act the way they do, the new brain wave telemetering is being developed under the direction of Dr. J. P. Scott.

Science News Letter, September 3, 1949

Words in Science— SEED-SPORE

➤ SEEDS and spores both hold the promise of the coming generation of plant life, but they are quite different.

A seed contains within its hard coat the young embryo and material to support its life during the early days. It is formed by pollen and female plant organ in sexual union. Even the smallest seed contains many thousands of cells.

A spore contains no embryo. It is a single cell, formed by the cell division of a mother spore cell, which is capable of development into a new individual. It is usually asexual. Ferns, mosses, fungi and algae are among the plants reproduced through spores, not seeds.

Science News Letter, September 3, 1949

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