

Books of the Week

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ALTERATION OF THE PROPERTIES OF BENTONITE BY REACTION WITH AMINES—John W. Jordan—*Mellon Institute*, 8 p., illus., paper, free upon request to publisher, University of Pittsburgh, Pittsburgh 13, Pa. Reports observations on the conversion of bentonite from the hydrophilic to the organophilic condition. A technical report.

BRAZIL: An Expanding Economy—George Wythe, Royce A. Wight, and Harold M. Midkiff—*Twentieth Century Fund*, 412 p., illus., \$3.50. A study concerned particularly with how the capital and skills of the United States might be helpful in raising Brazil's living standards.

EFFICIENT USE OF FERTILIZERS—Vladimir Ignatieff Ed.—*Food and Agriculture Organization of the United Nations*. 182 p., illus., paper, \$2.00. A monograph bringing together world-wide experience in the use of animal manures, fertilizers, and soil amendments, such as lime.

EMOTIONAL DISORDERS OF CHILDREN: A Case Book of Child Psychiatry—Gerald H. J. Pearson—*Norton*, 368 p., \$5.00. An immense amount of material on the clinical problems of children who suffer from neuroses, character disturbances and psychoses.

FIFTH CATALOGUE OF THE ORBITAL ELEMENTS OF SPECTROSCOPIC BINARY STARS—J. H. Moore and F. J. Neubauer—*University of California Press*, 31 p., illus., paper, 25 cents. Brief and pertinent data relating to the orbits of these stars.

FORTUNE POKER—George S. Coffin—*McKay*, 198 p., illus., \$2.50. A world-wide roundup of material on this game, telling of the mathematical probabilities in obtaining the different poker combinations, for instance: a royal flush. Another interesting thing is the author's explanation of the strategy of poker.

HANDBOOK OF CHEMISTRY—Norbert Adolph Lange, Compiler and Editor—*Handbook Publishers*, 7th ed., 1920 p., illus., \$7.00. Compiles an immense amount of reference material. A new edition of this well-known handbook.

HOW LARGE ARE OUR PUBLIC HIGH SCHOOLS?—Walter H. Gaumnitz and others—*Gov't. Printing Office*, 39 p., illus., paper, 25 cents. A statistical report arranged to present data which are readily comparable one state with another and one size group with another.

HANDBOOK OF SOUTH AMERICAN INDIANS, Vol. 5: The Comparative Ethnology of South American Indians—Julian H. Steward, Ed.—*Gov't. Printing Office*, 818 p., illus., \$3.00. The first four volumes of this work described the history and prehistory of Indians by tribes and areas. This volume deals with topics such as religion, learning, manufactures, etc., and deals with all of South America.

HOW SHALL WE PAY FOR HEALTH CARE?—Oscar R. Ewing and George F. Lull—*Public Affairs Committee*, 32 p., illus., paper, 20 cents. The two authors present arguments for and against compulsory health insurance.

HOW YOUR BODY WORKS—Herman and Nina Schneider—*Scott*, 160 p., illus., \$2.50. An attractive book for children including experi-

ments that are fun and easy to do.

AN INTRODUCTION TO CRIMINALISTICS: The Application of the Physical Sciences to the Detection of Crime—Charles E. O'Hara and James W. Osterburg—*Macmillan*, 705 p., illus., \$10.00. A college text for the student of police science.

JEST WHAT THE DOCTOR ORDERED—Francis Leo Golden—*Fell*, 256 p., illus., \$2.95. Jokes that one doctor might tell another.

KNOW THE EGGS YOU BUY—United States Department of Agriculture—*Gov't. Printing Office*, illus., paper, five cents. A reprint of the small size color chart "Know the Eggs You Buy."

THE LAST SPACE SHIP—Murray Leinster—*Fell*, 239 p., \$2.50. A science fiction story describing the adventures of Kim Rendall on the distant planet Mars. In that world, *teleportation* of matter has taken the place of transportation via rocket and atomic-powered vessels.

MALE AND FEMALE: A Study of the Sexes in a Changing World—Margaret Mead—*Morrow*, 477 p., \$5.00. An account of conclusions based on 14 years' research on sex relations among some of the primitive peoples of the Pacific islands and also in modern United States.

NUTRITION OF THE DOG—Clive M. McKay—*Comstock*, 2nd ed., 337 p., illus., \$3.50. Revised and extended to include modern advances and more of the older discoveries that are useful in feeding dogs. For dog owners and all those interested in their care.

PHILOSOPHIES IN BRIEF—Frederick E. Eastburg—*Humphries*, 78 p., \$2.50. Reviews with extreme brevity various schools of philosophical thought.

RED PLANET—Robert A. Heinlein—*Scribners*, 211 p., illus., \$2.50. A science fiction book telling a story of a group of earth people who attempt some time in the future to colonize Mars.

REGULAR POLYTOPES—H. S. M. Coxeter—*Pitman*, 321 p., illus., \$10.00. Brief excursions into such subjects as algebra, vector analysis, integral calculus, crystallography and topology.

SOIL . . . PEOPLE, AND FERTILIZER TECHNOLOGY—Tennessee Valley Authority—*Gov't Printing Office*, 57 p., illus., paper, 30 cents. A brief history of the TVA.

TEXTBOOK OF PHYSIOLOGY—John F. Fulton—*Saunders*, 16th ed., 1258 p., illus., \$10.00. A reference book revised to include a large volume of new material.

A TREASURY OF HERO STORIES FOR BOYS AND GIRLS FROM 8 TO 13—Joanna Strong and Tom B. Leonard—*Hart*, 191 p., illus., \$2.00. Short biographies of some of our favorite heroes and heroines. For young scientists there is brief information on the Heroes of Yellow Jack, Florence Nightingale, and Admiral Peary.

TRAINING RURAL LEADERS: An FAO Study—Shantan Bailie School—*Food and Agriculture Organization of the United States*, 136 p., illus., paper, \$1.50. Describes experimental work in training for rural leadership at China's Shantan Bailie school.

VANISHING WILDERNESS—Francesca La Monte and Micaela Welch—*Liveright*, 340 p., illus., \$2.49. The life stories of 19 wild animals whose home is the fast vanishing wilderness. The authors have interwoven into these stories a mixture of history, biology, geography, and a wealth of other information. For children and adults.

WEBS IN THE WIND: The Habits of Web-Weaving Spiders—Ronald, 387 p., illus., \$4.50. A report of a two-year study of these superb architects and engineers. The author's approach is unusual in that she knew nothing about spiders to begin with, and so, in this book takes her readers along with her in a step by step journey in the study of these creatures.

THE YEAST CELL: ITS Genetics and Cytology—Carl C. Lindgren—*Educational*, 28 chapters, illus., \$7.00. A reference guide containing the latest findings of the author and his associates. The author concludes that Mendelian theory of heredity applies only to a small fraction of the heredity characteristics transmitted from parent to offspring; however, he differs from Lysenko in that he believes that heredity is under strict gene control.

Science News Letter, October 22, 1949

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