

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.

AGES IN CHAOS: Volume I, From the Exodus to King Akhnaton—Immanuel Velikovsky—*Doubleday*, 350 p., illus., \$4.50. The author presents his own theories of Egyptian and Palestinian history.

ALL ABOUT TELEVISION—John Derby—*Popular Mechanics Press*, 171 p., illus., \$3.00. If you have the courage to tinker with your television set, this book is intended to save you money on repairs. It will also help you in the selection of a new set and aid you in understanding the troubles that may arise.

THE AMERICANA ANNUAL 1952—John J. Smith and others, Eds.—*Americana*, 869 p., illus., \$10.00. A general reference yearbook describing the stirring events of 1951.

THE ATMOSPHERES OF THE EARTH AND PLANETS—Gerard P. Kuiper, Ed.—*University of Chicago Press*, rev. ed., 434 p., illus., \$8.50. Contributors to the 1947 symposium were invited to revise their papers for this new edition. The revisions turned out to be extensive and bring the material up to date as of 1951.

CAMPING FOR ALL IT'S WORTH—William E. Swanson—*Macmillan*, 154 p., illus., \$2.95. Practical ideas to make camping enjoyable to boys and girls of any age, whether in the woods or in your own backyard, or even in the basement on a rainy day.

THE CAR OWNER'S FIX-IT GUIDE: A Complete Handbook to Automobile Operation, Maintenance and Repair—S. Palestrant and H. Schneider—*Fell*, 92 p., illus., paper, \$2.00. Telling the driver in non-technical language and clear drawings and diagrams, how to know his car and make adjustments and minor repairs.

THE CHEMISTRY OF ORGANIC COMPOUNDS: A Year's Course in Organic Chemistry—James Bryant Conant and Albert Harold Blatt—*Macmillan*, 4th ed., 655 p., \$5.90. New material has been added to this edition, especially in biochemistry and industrial chemistry.

THE CHILD AND HIS PLAY: A Planning Guide for Parents and Teachers—Hazel Kepler—*Funk & Wagnalls*, 309 p., \$3.75. A wealth of suggestions for having fun with your children and helping them to have fun with you.

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COLOR IN BUSINESS, SCIENCE, AND INDUSTRY—Deane B. Judd—*Wiley*, 401 p., illus., \$6.50. The key to color problems of the future, says the author, is to be found in visual psychophysics mixed with a liberal sprinkling of common sense. This volume presents visual psychophysics in practical terms based on 20 years of experience at the National Bureau of Standards.

THE CREATION OF THE UNIVERSE—George Gamow—*Viking*, 147 p., illus., \$3.75. The third book of a trilogy dealing with the place of the sun among the planets and, now, the universe as a whole—whether or not it had a beginning in time and has an end in space. Mathematics is relegated to an appendix.

DDT AND NEWER PERSISTENT INSECTICIDES—T. F. West and G. A. Campbell—*Chemical Publishing Co.* 1st American edition, 632 p., illus., \$8.50. Telling of the physical and chemical properties and principal uses of the newest insecticides.

DANA'S MANUAL OF MINERALOGY—Revised by Cornelius S. Hurlbut, Jr.—*Wiley*, 16th ed., 530 p., illus., \$6.00. Greatly revised because of the increasingly close relationship between mineralogy and chemistry and physics and the independent development of crystallography.

DEFORMATION, METAMORPHISM, AND MINERALIZATION IN GYPSUM-ANHYDRITE CAP ROCK, SULPHUR SALT DOME, LOUISIANA—Marcus I. Goldman—*Geological Society of America*, 169 p., illus., \$3.00. The anhydrite cap rock forms on top of a salt stock by cementation of anhydrite freed from the salt as a result of solution of the salt by ground water.

DYNAMIC PSYCHIATRY—Franz Alexander and Helen Ross, Eds.—*University of Chicago Press*, 578 p., \$10.00. Fifteen prominent writers contribute to this work describing the concepts of dynamic psychiatry, their contributions to clinical psychiatry and their influence on allied fields.

ENGINEERING SOIL SURVEY MAPPING—Highway Research Board—*National Research Council*, Highway Research Board Bulletin No. 46, 95 p., illus., paper, \$1.50. Five papers of particular interest to highway engineers.

GLASS: A Handbook for Students and Technicians—J. Home Dickson, Ed.—*Chemical Publishing Co.*, 300 p., illus., \$6.00. A reference book on the structure, composition, manufacture and applications of one of our commonest materials.

INTERNATIONAL REVIEW OF CYTOLOGY, Volume I—G. H. Bourne and J. F. Danielli, Eds.—*Academic*, 368 p., illus., \$7.80. The first of a regular annual review service. Among the authors of the present volume are seven British, five Americans, one Dutch, one Danish and one Swiss. Each chapter is a review of a specific subject.

LIVING IN BALANCE—Frank S. Caprio—*Arun- del*, 246 p., \$3.75. The author believes that

nervous breakdowns can be prevented by better understanding of the causes of emotional conflicts.

MANURES AND FERTILIZERS: A Survey by Ministry of Agriculture and Fisheries—*Chemical Publishing Co.*, 96 p., \$2.50. To explain to farmers the principles of increasing soil fertility.

MECHANICS AND PROPERTIES OF MATTER—Reginald J. Stephenson—*Wiley*, 371 p., illus., \$6.00. An attempt to give an appreciation of physical theory before involving the reader in mathematics.

MEN, MEAT, AND MIRACLES—Bertram B. Fowler—*Messner*, 245 p., \$3.00. The romantic story of the meat packing industry written in refutation of Upton Sinclair's "The Jungle."

METHODS OF ANALYSIS OF FUELS AND OILS—J. R. Campbell—*Chemical Publishing Co.*, 216 p., illus., \$4.00. A laboratory guide for students of fuel technology.

NORMAN HUNTER'S SUCCESSFUL MAGIC FOR AMATEURS—F. J. Camm, Ed.—*Arco*, 383 p., illus., \$3.50. Simple, easily understood instructions for creating illusions that are difficult to understand.

OUT OF THE SKY—An Introduction to Meteoritics—H. H. Nininger—*University of Denver Press*, 336 p., illus., \$5.00. Here is an authoritative book packed with information about the very young science, meteoritics, size of meteorites, their composition, historic falls, etc.

THE PETROLEUM DICTIONARY—Lalia Phipps Boone—*University of Oklahoma Press*, 338 p., \$5.00. Containing about 6,000 words from "alligator lace" to "yo-yo stick" that make up the language of the oil field. Introductory chapters tell of the origin and development of the language.

PRIMER OF ELECTRONICS AND RADIANT ENERGY—Don Caverly—*McGraw-Hill*, 2d ed., 343 p., illus., \$5.50. A book for laymen about the bases of so many modern inventions.

THE SECRET OF LIGHT—Irving Adler—*International Publishers*, 96 p., illus., \$2.25. A book for children telling them many interesting facts about light.

THE STORY OF OUR TIME: Encyclopedia Year Book 1952—E. V. McLoughlin, Ed. in Chief—*Grolier Society*, 432 p., illus., \$4.95. To keep you informed of all the important happenings of the past year. Contributed by various specialists.

A TEXTBOOK OF EVOLUTION—Edward O. Dodson—*Saunders*, 419 p., illus., \$5.00. A book for undergraduates. It contains a section of prediction of what may develop in the future, including the effects of the wide use of radiation.

VARIATION IN SOME UNARMED HYMENOLEPIDIDAE (CESTODA) FROM RODENTS—Marietta Voge—*University of California Press*, 34 p., illus., paper, 75 cents.

Science News Letter, May 10, 1952

Needles of evergreens growing on mountain sides are good collectors of tiny water droplets and, in some cases, have been observed to drip moisture so fast that it actually was raining under the tree.