

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.

AFTER THE SUN GOES DOWN: The Story of Animals at Night—Glenn O. Blough—*Whittlesey-McGraw-Hill*, 48 p., illus. with drawings by Jeanne Bendick, \$2.50. Not all animals go to sleep when the sun sets. For some, life goes on mainly in the dark. Here, this life is described for children.

ALL ABOUT SNAKES—Bessie M. Hecht—*Random House*, 143 p., illus. with drawings by Rudolf Freund, \$1.95. Telling young boys and girls about the lives and habits of these interesting creatures.

ALL ABOUT THE FLOWERING WORLD—Ferdinand C. Lane—*Random House*, 141 p., illus. with drawings by Russell Francis Peterson, \$1.95. Introducing boys and girls to the world of plants and flowers.

ANIMAL DISEASES: The Yearbook of Agriculture 1956—Alfred Stefferud, Ed.—*Govt. Printing Office*, 591 p., illus., \$2.00. Needed research in this field, it is pointed out, may cost millions of dollars, but the results may save hundreds of millions. (See p. 215.)

THE ARMORED SCALE INSECTS OF CALIFORNIA—Howard L. McKenzie—*University of California Press*, Bulletin, California Insect Survey, Volume 5, 209 p., illus., paper \$4.50, cloth \$6.00. Unfortunately, the author comments, these insects are very unattractive to the average entomologist and even more so to the agriculturalist, yet knowledge of them is essential to the fruit grower.

CALCIUM AND PHOSPHORUS METABOLISM IN MAN AND ANIMALS WITH SPECIAL REFERENCE TO PREGNANCY AND LACTATION—Franklin C. McLean, Chairman—*New York Academy of Sciences*, Annals, Volume 64, Art. 3, 192 p., illus., paper, \$4.00.

DICTIONARY OF PHOTOGRAPHY: And Reference Book for Amateur and Professional Photographers—Edited and largely re-written by A. L. M. Sowerby—*Philosophical Library*, 18th ed., 719 p., illus., \$10.00. This work has been kept up-to-date since publication of the first edition 70 years ago.

DIRECTORY FOR EXCEPTIONAL CHILDREN: Schools—Services—Other Facilities—E. Nelson Hayes, Ed.—*Porter Sargent*, 2d ed., 247 p., paper \$3.00, cloth \$4.00. Listing facilities for the blind, deaf or otherwise handicapped, of whom there are more than 3,500,000 in the United States.

DIRECTORY OF OUTPATIENT PSYCHIATRIC CLIN-

ICS AND OTHER MENTAL HEALTH RESOURCES IN THE UNITED STATES AND TERRITORIES 1954-55—George S. Stevenson and R. H. Felix, Eds.—*National Association for Mental Health*, 11th ed., 192 p., paper, \$1.50. Lists 1,200 clinics, estimated to be about 19% of the number needed.

DYNAMIC PSYCHIATRY IN SIMPLE TERMS—Robert R. Mezer with foreword by Harry C. Solomon—*Springer*, 174 p., illus., paper, \$2.50. A simple text for students of medicine, nursing and social work based on Dr. Mezer's conviction that "psychiatry can be made understandable."

EFFECTS OF NATURAL SELECTION ON HUMAN GENOTYPES—Howard Levene, R. B. McConnell and L. D. Dunn—*New York Academy of Sciences*, Annals, Volume 65, Art. 1, 31 p., paper, \$1.25.

ELECTRONIC TUBES, CIRCUITS, AND DEVICES—Lewis G. Blevins—*Universal Scientific Company*, 620 p., illus., paper, \$4.50. Radio transmitting and receiving principles, radar and TV principles, and fundamentals of industrial electronic controls.

EPIDEMIC AND ENDEMIC DIARRHEAL DISEASES OF THE INFANT—James A. Baker and Erwin Neter, Co-Chairmen—*New York Academy of Sciences*, Annals, Vol. 66, Art. 1, 230 p., illus., paper, \$3.50. Dealing especially with the various microorganisms acting as pathogens and with the particular susceptibility of the young child to these germs.

FLEXIBLE CULVERTS UNDER HIGH FILLS—John H. Timmers and others—*Highway Research Board*, Bulletin 125, 177 p., illus., paper, \$3.30.

GOING MY WAY ROUND THE WORLD—Jacques Chegaray, translated by Albert Meltzer—*Arthur Barker (Associated Booksellers)*, 296 p., illus., \$3.75. A French journalist presents a new point of view on the world and its peoples.

AN INTRODUCTORY COURSE IN COLLEGE PHYSICS—Newton Henry Black and Elbert Payson Little—*Macmillan*, 4th ed., 786 p., illus., \$6.75. New edition of a standard text.

A LABORATORY MANUAL FOR EARTH SCIENCE SURVEY: Astronomy, Geology, and Meteorology—Victor L. Crowell and Alan Lutz—*Burgess*, 103 p., illus., paper, \$3.00.

LANDMARKS IN THE HISTORY OF HYGIENE—Henry E. Sigerist—*Oxford University Press*, 78 p., illus., \$3.00. The Heath Clark Lectures delivered in 1952 at the London School of Hygiene and Tropical Medicine.

MAN AGAINST HIMSELF—Karl Menninger—*Harcourt, Brace*, 429 p., paper, \$1.45. New, inexpensive edition of a book first published in 1938 on what happens when man's hatred and destructive impulses are turned inward.

MOLECULAR BEAMS—Norman F. Ramsey—*Oxford University Press*, 466 p., illus., \$4.00. Molecular-beam experiments have for many years been among the most fruitful sources fundamental information about molecules, atoms and nuclei.

MY POLYNESIA: Tahiti Revisited—Jacques Chegaray, translated by Robin Graham—*Arthur Barker (Associated Booksellers)*, 191 p., illus., \$3.75. A French journalist finds enchantment in Tahiti.

ON THE CELL MODEL FOR SOLUTIONS—Stuart

A. Rice—*New York Academy of Sciences*, Annals, Volume 65, Art. 2, 24 p., paper, \$1.25.

PROCEDURE IN TAXONOMY—Edward T. Schenk and John H. McMasters, enlarged and in part rewritten by A. Myra Keen and Siemon William Muller—*Stanford University Press*, 3d ed., 119 p., \$3.50. With the vast increase in numbers of known forms of animals and with the change in concepts of classification brought about by acceptance of the theory of evolution, mechanics of modern taxonomy have become very complex.

THE PUSH-BUTTON WORLD: Automation Today—E. M. Hugh-Jones, Ed.—*University of Oklahoma Press*, 158 p., \$3.75. Automation, the editor explains, is not merely an extension of the already familiar mechanization of industrial processes; it implies a new method of approach and a fresh concept in industry.

REACTORS—R. A. Charpie and others, Eds.—*McGraw-Hill*, Progress in Nuclear Energy, Series II, 492 p., illus., \$14.00. It is anticipated that nuclear power will affect most of the people of the world during the next 20 years. This volume presents review papers on the present state of the reactor art.

RESPONSES OF VEGETATION TO FIRE: A Study of the Herbaceous Vegetation Following Chaparral Fires—James R. Sweeney—*University of California Press*, U. of Calif. Publications in Botany, Vol. 28, No. 4, 107 p., illus., paper, \$2.00. The lush vegetation that comes up after a chaparral fire results from viable seeds present in the soil before the fire. Soil acts as an effective insulator.

SELF-GUIDING AUTO TOUR OF YOSEMITE NATIONAL PARK—Richard P. Ditton and Donald E. McHenry—*Yosemite Natural History Association*, 112 p., illus., paper, 60 cents. Describing points of interest and telling you how to find them. Includes also a brief description of the wildlife and plants in the park. Distances between sights are given in odometer readings.

SOME PROTOZOAN DISEASES OF MAN AND ANIMALS: Anaplasmosis, Babesiosis and Toxoplasmosis—Clarence R. Cole, Chairman—*New York Academy of Sciences*, Annals, Volume 64, Art. 2, 253 p., illus., paper, \$3.50. It is hoped that these papers will serve to reorient the thinking of researchers.

SYMPOSIUM ON IMPACT TESTING—S. L. Hoyt and others—*American Society for Testing Materials*, ASTM Special Technical Publication No. 176, 169 p., illus., paper, \$3.50. Includes papers discussing impact and shock tests for parts, components and complete structures.

SYMPOSIUM ON THE ROLE OF SOME OF THE NEWER VITAMINS IN HUMAN METABOLISM AND NUTRITION—R. D. Adams and others—*National Vitamin Foundation*, Nutrition Symposium Series Number 12, 135 p., illus., paper, \$2.50.

THOUSANDS OF SCIENCE PROJECTS: Classified Titles of Exhibits Shown at Science Fairs and/or Produced as Projects for the Annual Science Talent Search—Margaret E. Patterson and Joseph H. Kraus, Eds.—*Science Clubs of America (Science Service)*, 44 p., illus., paper, 25 cents. Ideas originated by thousands of boys and girls interested in science.

TREASURES TO SEE: A Museum Picture-Book—Leonard Weisgard—*Harcourt, Brace*, 30 p., illus., \$3.00. Introducing children to the world of art.

THE WORLD WE LIVE IN—Editorial Staff of Life and Lincoln Barnett, text especially adapted for young readers by Jane Werner Watson—*Simon and Schuster*, 216 p., illus., \$4.95. An abundance of color pictures, breathtakingly beautiful, accompanied with brief and simple text.

Science News Letter, October 6, 1956

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