

Books of the Week

(Continued from p. 60)

ston—*Dover*, 300 p., illus., paper, \$1.60. Inexpensive reprint of a book first published in English in 1939. One chapter has the historic interest of having been delivered on the occasion when the author received the Nobel Prize.

THE NEW ASTRONOMY—Editors of Scientific American—*Simon and Schuster*, 243 p., illus., paper, \$1.00. Intended to make the general reader feel more at home in the universe of our time. Chapters originally appeared as articles in the *Scientific American*.

NUCLEAR MAGNETIC RESONANCE—E. R. Andrew—*Cambridge University Press*, 265 p., illus., \$6.50. For physicists, especially nuclear physicists, and others interested in the solid state.

NUTRITION IN INFECTIONS—W. Alan Wright, Chairman—*New York Academy of Sciences*, Annals, Volume 63, Art. 2, 171 p., illus., paper, \$4.00. Discussing the effects of parasitism, the role of vitamins and antibiotics, deficiency syndromes in the tropics and related problems.

ORGANIZATION, HISTOLOGY, AND CIRCULATORY PATTERN OF THE NEAR-TERM PLACENTA OF THE GUINEA BABOON, PAPIO CYNOCEPHALUS, DEMAREST—Howard H. Hillemann—*Oregon State College*, 20 p., illus., paper, \$1.00.

PANORAMA OF PROGRESS—Henry B. Allen, Ed.—*Franklin Institute*, special issue of Journal, Vol. 261, No. 1, 188 p., illus., paper, \$1.00. Honoring Franklin by publishing a series of papers planned to give a broad picture of the advances in the physical sciences since his birth 250 years ago.

PAPERS PRESENTED AT THE V.P.I. CONFERENCE ON NEW DEVELOPMENTS IN ENGINEERING DESIGN—H. M. Newmark and others—*Virginia Polytechnic Institute*, Engineering Experiment Station Series, No. 106, 107 p. in two parts, illus., paper, \$1.00.

PARTIAL DIFFERENTIAL EQUATIONS OF MATHEMATICAL PHYSICS—Arthur Gordon Webster, edited by Samuel J. Plimpton—*Dover*, 2d ed., 440 p., illus., paper, \$1.98. Inexpensive student edition of a classic in the science.

THE PHYSICS AND CHEMISTRY OF LIFE—Editors of Scientific American—*Simon and Schuster*, 270 p., illus., paper, \$1.00. Addressed to non-scientists and concerned with life as a physical process.

POLISH: Pronounce It Correctly—Waclaw Solski—*Dover*, 33-1/3 RPM long-playing record. With text leaflet, 89 cents. With phrase book, "Say It in Polish," \$1.49. For tourists who want to learn a few handy phrases.

PSYCHOTHERAPY AND COUNSELING—Lawrence

YOUR HAIR

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A medical specialist tells you what to do to save and beautify your hair, stimulate healthier hair growth, and deal with many problems, as: Dandruff—gray hair—thinning hair—care of the scalp—baldness—abnormal types of hair—excessive oiliness—brittle dryness—hair falling out—infection—parasites—hair hygiene—glands—diet—coloring—and myriad other subjects concerning hair.

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K. Frank and Rollo May, chairmen—*New York Academy of Sciences*, Annals, Volume 63, Art. 3, 108 p., illus., paper, \$3.50. Investigators from five professions describe their techniques and results.

READING AS A THINKING PROCESS—Emmett Albert Betts—*Betts Reading Clinic*, 9 p., paper, 40 cents. Emphasizing the importance of teaching children to understand the words they read instead of just pronouncing them.

SAY IT IN POLISH—Victor Raysman—*Dover*, 127 p., paper, 60 cents, with record \$1.49. A book of phrases useful to the traveler. The record provides pronunciations.

SEMIMICRO LABORATORY EXERCISES IN HIGH SCHOOL CHEMISTRY—Fred T. Weisbruch—*Heath*, 2d ed., 277 p., illus., paper, \$1.88.

SPECIAL EDUCATION FOR THE EXCEPTIONAL: Volume III, Mental and Emotional Deviates and Special Problems—Merle E. Frampton and Elena D. Gall, Eds.—*Porter Sargent*, 699 p., illus., \$5.50. Several of the papers presented here deal with the pressing problem of what schools can do to reduce juvenile delinquency.

THE SUN AND ITS INFLUENCE: An Introduction to the Study of Solar-Terrestrial Relations—M. A. Ellison—*Macmillan*, 235 p., illus., \$4.50. Bringing together recent discoveries in widely different fields concerning the connections between solar and terrestrial events. Weather is omitted.

A SURVEY OF DIRECT UTILIZATION OF WASTE WATERS—Robert C. Merz, Ed.—*State Water Pollution Control Board*, 80 p., illus., paper, limited number of copies free upon request to publisher, Room 610, 721 Capitol Ave., Sacramento 14, Calif. Reporting that some industrial plants have successfully shown waste water can be reclaimed for cooling and other plant uses.

TEMPERATURE: Its Measurement and Control in Science and Industry, Volume II—Hugh C. Wolfe, Ed.—*Reinhold*, American Institute of Physics, 467 p., illus., \$12.00. Papers presented at the Third Symposium on Temperature held in Washington, D. C., Oct. 28-30, 1954.

THE UNIVERSITY OF CALIFORNIA BOTANICAL GARDEN EXPEDITIONS TO THE ANDES (1935-1952): With Observations on the Phytogeography of Peru—T. H. Goodspeed and H. E. Stork—*University of California Press*, 55 p., illus., paper, \$1.25. The vegetation of Peru varies as much as does the terrain, ranging from desert along the coast to rain forest, and altitude from sea level to 20,000 feet.

Science News Letter, January 28, 1956

VETERINARY MEDICINE

Canine Heart Sufferers Helped by Vitamin E

► DOGS suffering from heart disease respond well to treatment with vitamin E, a Dublin, Ireland, veterinarian states in a report published by the Gaines Dog Research Center, New York.

In one series of tests using vitamin E therapy, Dr. N. H. Lambert found that, along with improved hearts, there were improvement in the dogs' general condition and restoration of normality in the skin and urogenital system.

Dr. Lambert points out that heart disease is relatively common in dogs, especially older animals that have been fed diets containing many of the foods their owners regularly eat.

Science News Letter, January 28, 1956

Questions

ASTRONOMY—How many days does Pluto take to rotate? p. 56.

DENTISTRY—What is the effective agent in toothpastes containing fluoride? p. 55.

MEDICINE—For what ailments do patients most often see doctors? p. 54.

Why might deaf persons be useful working near jets? p. 50.

NUTRITION—How can congenital abnormalities be produced in rats? p. 53.

PHYSIOLOGY—What can cause false positive tests for syphilis? p. 53.

PSYCHOLOGY—How can brief blackouts of epilepsy be detected? p. 56.

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