

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.

THE AMAZING BOOK OF BIRDS—Hilda Simon—*Hart*, 128 p., illus. by author, \$3.75. Features unusual ornithological facts to encourage youngsters to delve more deeply into this field.

THE AMERICAN HIGH SCHOOL TODAY: A First Report to Interested Citizens—James Bryant Conant—*McGraw-Hill*, 140 p., \$2.75, paper \$1. Offers 22 detailed recommendations of how to improve our high schools.

AN ANTHROPOLOGIST AT WORK: Writings of Ruth Benedict—Margaret Mead—*Houghton*, 383 p., illus., \$6. Biography of an anthropologist by her friend and colleague, including selections from her articles, journals and correspondence.

THE BIG RED SCHOOLHOUSE—Fred M. Hechinger, introd. by Paul Woodring—*Doubleday*, 240 p., \$3.95. Describes Russian schools, and interprets similarities and differences.

BIOLOGICAL AND BIOCHEMICAL BASES OF BEHAVIOR—Harry F. Harlow and Clinton N. Woolsey, Eds.—*Univ. of Wis. Press*, 476 p., illus., \$8. Papers presented at the Symposium on Interdisciplinary Research, 1958. Correlates studies in the fields of anatomy, physiology, biochemistry and behavior.

CAREERS IN THE SCIENTIFIC FIELDS: Description, Opportunities, Specialization, Educational Aid to Scientists, Advantages, Disadvantages, Where Employment is Found—Juvenal L. Angel—*World Trade*, 46 p., illus., paper, \$1.50.

COMPREHENSIVE MEDICAL SERVICES UNDER VOLUNTARY HEALTH INSURANCE: A Study of Windsor Medical Services—Benjamin J. Darsky, Nathan Sinai and Solomon J. Axelrod—*Harvard Univ. Press*, 392 p., \$7.50. The Windsor plan in Ontario, Canada, was selected for study because 60%—now 85%—of the community and almost all its private practicing physicians participated in the plan.

THE CROSSING OF ANTARCTICA: The Commonwealth Trans-Antarctic Expedition 1955-1958—Sir Vivian Fuchs and Sir Edmund Hillary—*Little*, 328 p., illus., \$7.50. Illustrated story of an historical crossing of the frozen Antarctic.

DARWIN, WALLACE AND THE THEORY OF NATURAL SELECTION: Including the Linnean Society Papers—Bert James Loewenberg—*Arlington Bks (Taplinger)*, 98 p., illus., \$5. Graphically beautiful commemorative volume with excerpts from manuscripts of the famous collaborators.

DESCRIPTIVE METEOROLOGY—Hurd C. Willett and Frederick Sanders—*Academic*, 2nd ed. 355 p., illus., \$7.50. Textbook for third or fourth year college course.

A DEVELOPMENTAL STUDY OF FACTORS RELATED TO CHILDREN'S CLOTHING PREFERENCES—Lucille Aust Hunt—*Child Development Publications*, 47 p., illus., paper, \$1.75.

THE EMERGING PROGRAM OF SECONDARY SCHOOL MATHEMATICS—Max Beberman—*Harvard Univ. Press*, 44 p., \$1.50. The Inglis lecture, 1958.

ENGINEERS' COUNCIL FOR PROFESSIONAL DEVELOPMENT: 26th Annual Report, 1957-1958—*ECPD*, 71 p., paper, \$1. Lists accredited engineering schools and curricula.

THE ESSENTIALS OF CHEMISTRY—R. P. Graham and L. H. Cragg—*Rinehart*, 579 p., illus., \$6.50. A well planned high school textbook.

EVALUATION OF READING—Helen M. Robinson, Ed.—*Univ. of Chicago Press*, Supplementary Educational Monographs No. 88, 208 p.,

paper, \$3.50. Proceedings of the Annual Conference on Reading.

THE FAMILY AND POPULATION CONTROL: A Puerto Rican Experiment in Social Change—Reuben Hill, J. Mayone Stycos and Kurt W. Back—*Univ. of N.C. Press*, 481 p., \$8. Describes an integrated research program, linking population theory, family sociology and social psychology, that explains the meaning of population trends.

FLORA OF PERU—Rogers McVaugh—*Field Museum of Nat. Hist.*, 250 p., paper, \$3.75. Description of Peruvian trees and shrubs.

FORESTRY ACTIVITIES: A Guide to Boy Scout Leaders—*U. S. Forest Service*, 31 p., illus., paper, single copies free upon request direct to publisher, Dept. of Agriculture, Washington 25, D. C. Experiments and other educational ideas.

HISTORY AND PHILOSOPHY OF SCIENCE: An Introduction—L.W.H. Hull—*Longmans*, 340 p., illus., \$5. Traces scientific ideas from Greek to modern times against historical background.

HOW TO COLLECT MOUNTAINS—Charles B. Hunt—*Freeman*, 38 p., illus. by author, paper, \$1.25. Amusingly written primer in the geologist's own script.

HOW TO RELAX AND HAVE YOUR BABY: Scientific Relaxation in Childbirth—Edmund Jacobson, foreword by Herbert Thoms—*McGraw*, 197 p., illus., \$3.95. Application of Dr. Jacobson's method of relaxation to pregnancy and childbirth.

THE INTERNATIONAL GEOPHYSICAL YEAR—Walter Sullivan—*Carnegie Endowment for International Peace*, 78 p., paper, 25¢. Political and social implications of the IGY.

INTERNATIONAL SCIENTIFIC RADIO UNION: Proceedings of the XIIth General Assembly, Vol. XI. Part 2, Commission II: On Radio and Troposphere, 132 p., paper, \$3.50. Part 4, Commission IV: On Radio Noise of Terrestrial Origin, 106 p., paper, \$3. Part 3, Commission III; On Ionospheric Radio, 174 p., paper, \$4.50. Part 7, Commission VII: On Radioelectronics, 160 p., paper, \$4.50.—Secretary General of U.R.S.I.

INTRODUCTION TO NEUTRON PHYSICS—L. F. Curtiss—*Van Nostrand*, 380 p., illus., \$9.75. Introduction to the more basic features of the experimental science of the neutron, bibliography covering the past ten years.

THE MOON—George Gamow, introd. by Harold Urey—*Abelard-Schuman*, rev. ed., 127 p., illus., \$2.75. Introduction to a scientific study of the moon.

NATIONAL SCIENCE FOUNDATION: Eighth Annual Report for the Fiscal Year ended June 30, 1958—Alan T. Waterman, Dir.—*Govt Printing Office*, 246 p., illus., paper, \$1. Report on the status of U. S. science and the program activities of the NSF.

OPERATION PLUMBBOB: Surface Motions from an Underground Explosion—D. S. Carder and others—*U.S. Coast & Geodetic Survey (Office of Technical Services)*, 47 p., illus., paper, \$1.25. Report on seismic effects of low-yield nuclear shots.

PSYCHOLOGICAL STRESS: Psychoanalytic and Behavioral Studies of Surgical Patients—Irving L. Janis—*Wiley*, 435 p., \$6.95. Focuses on understanding the psychological aspects of pain, illness and surgery.

PSYCHOLOGY OF THE CHILD: Personal, Social, and Disturbed Child Development—Robert I. Watson—*Wiley*, 662 p., \$6.95. Text on child psychology in which theory is integrated with findings from clinical psychology.

THE ROCKEFELLER FOUNDATION ANNUAL REPORT 1957—Dean Rusk, President—*The Rockefeller Foundation*, 372 p., illus., paper, free upon request direct to publisher, 49 W. 49th Street, New York, N.Y. Reports 42 million dollars were appropriated in 1957.

Science News Letter, February 7, 1959

Best Book Contest for 1959

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