

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.

AMERICAN INDIANS IN THE PACIFIC: The Theory Behind the Kon-Tiki Expedition—Thor Heyerdahl — *Rand McNally*, 821 p., illus., \$15.00. The author, who also wrote "Kon Tiki," presents evidence that Polynesia was first settled by people who sailed westward from Peru about 500 A.D., and that a second voyage was made about 1100-1300 A.D. by natives of Northwest America. He points out that natives of the two areas have similar physiques, customs, dress, words and tools.

BIBLIOGRAPHY ON PERSONALITY AND SOCIAL DEVELOPMENT OF THE CHILD. SELECTED ETHNOGRAPHIC SOURCES ON CHILD TRAINING—Christoph Heinicke and Beatrice B. Whiting — *Social Science Research Council*, 130 p., paper, \$1.00. The first article includes 1,331 entries in the bibliography, while the second is classified by tribes representing the major cultural areas of the world.

CLAY MINERALOGY—Ralph E. Grim — *McGraw-Hill*, 384 p., illus., \$9.00. Summarizes available data on the composition and atomic structure of the clay minerals, their physical characteristics, origin and occurrence.

CONFERENCES ON DRUG ADDICTION AMONG ADOLESCENTS—Committee on Public Health Relations of N. Y. Academy of Medicine and the Josiah Macy, Jr., Foundation—*Blakiston*, 320 p., \$4.00. A synthesis of the over-all problem of teen-age drug addictions. Emphasis is on the fact that the problem cannot be dealt with apart from the fundamental causes creating known maladjustments and on the need for combined, constructive work on all fronts.

EDUCATORS GUIDE TO FREE FILMS—Mary F. Horkheimer and John W. Diffor, Eds.—*Educators Progress Service*, 13th ed., 516 p., paper, \$6.00. This completely revised edition lists 2,574 films available free of charge, of which 562 are new additions to the listing.

ELECTRONICS: Buyers' Guide Issue, 1953—W. W. MacDonald, Ed. — *McGraw-Hill*, 848 p., illus., paper, \$2.00. An important reference book for anyone having to do with electronic equipment. A directory of manufacturers in electronics, and graphical and tabular shortcuts for electronic engineers are included.

ELEMENTS OF CHORDATE ANATOMY—Charles K. Weichert—*McGraw-Hill*, 451 p., illus., \$5.50.

A condensation of the author's "Anatomy of the Chordates," designed primarily to serve as a text in a one-semester course in comparative vertebrate anatomy.

A FORMULA FOR CHILD SAFETY—*Metropolitan Life Insurance Co.*, 14 p., illus., paper, free upon request direct to publisher, 1 Madison Ave., New York, N. Y. Suggestions for avoiding a great majority of the 5,500 fatal accidents that occur annually in the young children's group, i.e., infants through 4 year olds.

HISTORICAL METROLOGY: A New Analysis of the Archaeological and the Historical Evidence Relating to Weights and Measures—A. E. Berriman—*Dutton*, 224 p., illus., \$3.75. A history of weights and measures and their relationship to other units of measurement from the days of the Pharaohs to the present.

INDEX: Mass. Institute of Technology Radiation Laboratory Series — Keith Henney, Ed. — *McGraw-Hill*, 160 p., \$4.50. Tells the whole story of the Radiation Laboratory, and contains a complete guide to the entire 27 volumes that comprise the series.

INDIVIDUAL AND COMMUNITY HEALTH—William W. Stiles—*Blakiston*, 492 p., illus., \$6.00. Intended for those with a limited biological background, this begins with a discussion of "first aid," then treats of the biological aspects of health, and ends with a review of the social approaches.

INTO THE FREEZER . . . AND OUT—Donald K. Tressler, Clifford F. Evers, and Barbara H. Evers — *Avi*, 2nd ed., 246 p., illus., \$3.75. Covers every phase of the subject from picking the right type of freezer, through the handling and packaging of frozen foods, to the storage and serving of various products.

MANPOWER: The Nation's First Resource—NPA Special Committee on Manpower Policy — *National Planning Association*, Planning Pamphlets No. 83, 53 p., paper, \$1.00. This report stresses the acuteness of the manpower problem created by the low birth rate during the 1930's. (See p. 51.)

NATURAL HISTORY OF INFECTIOUS DISEASE—Macfarlane Burnet—*Cambridge Univ. Press*, 2nd ed., 356 p., illus., \$4.50. The fundamentals of the subject and the structure of the book have not been changed in this revision, but a new section on the antibiotic drugs has been added.

1953 MEDICAL PROGRESS: A Review of Medical Advances During 1952—Morris Fishbein, Ed.—*Blakiston*, 301 p., \$5.00. Written by 25 specialists, this is a record of the advances made in cardiology, surgery, uses of new drugs, allergy, and other medical fields.

PETROLEUM IN THE WESTERN HEMISPHERE—Western Hemisphere Oil Study Committee—*Independent Petroleum Assoc. of America*, 183 p., illus., \$2.50. Results of a two-year study by 44 experts in petroleum production, geology, economics, law and engineering on all aspects of petroleum production and development in Western Hemisphere countries.

PHYSIOLOGY OF MUSCULAR ACTIVITY—Peter V. Karpovich—*Saunders*, 4th ed., 340 p., illus., \$4.75. Two new chapters on "Nerve Control of Muscular Activity" and "Energy Cost of Various Activities" have been added, as well as material on the effects of hypnotism on physical performance, reaction time of athletes and allergic reactions to physical activities.

PSYCHOSIS AND CIVILIZATION: Two Studies in the Frequency of Mental Disease — Herbert Goldhamer and Andrew W. Marshall—*Free Press*, 126 p., illus., \$4.00. Shows that there has been no increase in the frequency of the psychoses during the past one hundred years, but also that the chances of a person being stricken by a serious mental illness is about 1 in 20 by the age of 45 and about 1 in 10 by the age of 65.

REPRESENTATIVE AMERICAN SPEECHES: 1952-1953—A. Craig Baird, Ed.—*H. W. Wilson*, 199 p., \$1.75. Includes 22 outstanding speeches covering events like the 1952 Presidential election, the tidelands oil debate, and U. S. foreign relations.

SOCIETY AND THE HOMOSEXUAL — Gordon Westwood—*Dutton*, 191 p., \$3.00. An appraisal of homosexuality in every phase of its complex development and in its relationship with society.

STEPMOTHERS CAN BE NICE!—Helen Steers Burgess — *Public Affairs Committee*, Public Affairs Pamphlet No. 108, 28 p., illus., paper, 25 cents. Practical advice for the new stepmother.

TREES FOR AMERICAN GARDENS — Donald Wyman — *Macmillan*, 376 p., illus., \$7.50. Evaluates 745 species and varieties of trees now being grown in America and recommends them for continued landscape planting, while relegating nearly 1,600 additional types to a secondary list as being inferior or no better than those in the recommended list.

THE TRIUMPH OF THE ALPHABET: A History of Writing—A. C. Moorhouse—*Schuman*, 223 p., illus., \$4.00. The story of how men learned to write, from the marking on pebbles of the Old Stone Age to the classes to combat illiteracy in Mexico.

YOUR BODY AND YOUR MIND: The New Science of Psychosomatic Medicine—Frank G. Slaughter — *New American Library*, 192 p., paper, 25 cents. A physician tells the layman in non-technical language how his mind and emotions can produce physical illness.

Science News Letter, July 25, 1953

MARINE BIOLOGY

Whaling Season Hurt By Attacks of Sharks

► **ATTACKS BY** ravenous sharks hampered whaling activities in Australian waters last season, reports the U. S. Fish and Wildlife Service in the *Commercial Fisheries Review* (May).

Sharks were so bad off Point Cloates that whales killed outside the reef there were more than half devoured before they could be landed. Eighty sharks were shot attacking a single whale alongside a catcher vessel.

Science News Letter, July 25, 1953

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