

books OF THE WEEK

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THE FRENCH: Portrait of a People—Sanche de Gramont—Putnam, 1969, 479 p., \$7.95. American journalist of French birth takes a perceptive look at France, its people, culture and way of life.

GRAVITATION: The University of Illinois Astronomy Program, Book 3—J. Myron Atkin and Stanley P. Wyatt, Jr.—Harper, 1969, 112 p., illus., paper, \$1.60. Starting with basic ideas of speed, acceleration, force and mass, the book describes in simple terms activities that illustrate Newton's concepts of motion and mass.

GREEN POWER: The Corporation and the Urban Crisis—George S. Odiorne—Pitman, 1969, 196 p., \$5.95. Deals with ghetto problems and expectations, and assesses the effectiveness of solutions initiated by American business in an effort to absorb some of the unskilled and hard-core unemployed.

HABITATS AND TERRITORIES: A Study of the Use of Space by Animals—Peter H. Klopfer—Basic Bks., 1969, 117 p., diagrams, map, \$3.95. Intended as enrichment in comparative psychology, the book introduces the fundamental ecological concepts that determine territoriality: characteristics of species, selection and adaptation.

HEART TRANSPLANT: The Story of Barnard and the "Ultimate in Cardiac Surgery"—Marais Malan — Voortrekkerpers, 1968, 196 p., photographs, drawings, \$3 direct to Transvaler-Boekhandel, Posbus 8124, Johannesburg, South Africa. A medical reporter's chronicles of the day-to-day medical and human events connected with the historic heart transplants at Groote Schuur Hospital, Cape Town.

HISTORY OF THE SIERRA NEVADA: Francis P. Farquhar—Univ. of Calif. Press, 1969, 262 p., photographs, maps, paper, \$2.65. Deals with human experiences in the High Sierras from the time the first Spaniards saw it in the late 18th century to the present.

HISTORY UNDER THE SEA: A Manual for Underwater Exploration—Mendel Peterson—Smithsonian Institution Press (Random House), 1969, 208 p., 56 plates, map, \$5.95. Contains concise information on location and condition of underwater sites, search techniques, surveying, preservation and identification of recovered materials.

HOW TO USE GROUPS—J. W. Leech and D. J. Newman—Methuen (Barnes & Noble), 1969, 133 p., diagrams, \$5.25; paper, \$3.50. Intended to give chemists and physicists a working knowledge of group theory.

THE HUNGRY FUTURE—Rene Dumont and Bernard Rosier, transl. from French, foreword by Thomas Balogh—Praeger, 1969, 271 p., \$6.95. French agronomist considers the trend toward wide-spread starvation and makes several proposals for agricultural, technological, social and economic changes to be adopted in underdeveloped countries.

THE IBERIAN STONES SPEAK: Archaeology in Spain and Portugal—Paul MacKendrick—Funk & Wagnalls, 1969, 238 p., photographs, maps, \$7.95. Pieces together the cultural history of the Iberian peninsula, from the cave paintings of Altamira to Roman aqueducts and mosaics.

JUMP-ROPE RHYMES: A Dictionary—Roger D. Abrahams, Ed.—Univ. of Texas Press, 1969, 228 p., \$6.50. Published for the American Folklore Society, alphabetically arranged rhymes include notes on sources, provenience, variants, and connection with other activities.

THE KALAHARI AND ITS LOST CITY—A. J. Clement, foreword by P. V. Tobias—Longmans (Humanities Press), 1969, 214 p., photographs, maps, \$10. Documented account of the 1964 expedition that combined the study of Bushmen and the discovery of thousands of implements of the Earlier, Middle and Later Stone Ages with a search for Farini's alleged "Lost City."

KNOWING AND GUESSING: A Quantitative Study of Inference and Information—Satosi Watanabe—Wiley, 1969, 592 p., diagrams, \$22.50. Explores quantitatively the cognitive processes and offers a unified theoretical view of a field split into many different disciplines.

THE LAST OF THE MOUNTAIN MEN — Harold Peterson—Scribner, 1969, 160 p., photographs,

map, \$5.95. Unusual story of a living American wilderness pioneer, a literate man who chose to till his few acres and forge his own tools on an isolated Idaho mountain cliff.

LEWIS AND CLARK: Pioneering Naturalists—Paul Russell Cutright—Univ. of Ill. Press, 1969, 506 p., illus., \$12.50. Written from a naturalist's viewpoint, book provides a detailed study of the scientific and technical aspects of the famous expedition in 1804.

MANAGEMENT GUIDE FOR ENGINEERS AND TECHNICAL ADMINISTRATORS—Nicholas P. Chronis—McGraw-Hill, 1969, 376 p., illus., \$11.50. A compendium of practical management procedures, hints and office procedures drawn from material prepared by well-known management experts.

MEDITERRANEAN AFRICA: Four Muslim Nations—Glenn D. Kitterl—Nelson, Thomas, 1969, 222 p., photographs, map, \$3.95. Outlines the geography and cultures of Morocco, Algeria, Tunisia and Libya.

MIGRATION AND DISPERSAL OF INSECTS BY FLIGHT—C. G. Johnson—Methuen (Barnes & Noble), 1969, 763 p., diagrams, maps, \$24. This comprehensive study discusses the functional significance of insect dispersal by flight as an adaptive system in the life of insects. Deals with all aspects of migratory behavior in the main orders of insects, from both physiological and ecological points of view.

NEVADA TEST SITE: Studies of Geology and Hydrology—Edwin B. Eckel, Ed.—Geological Soc. of Am., 1968, 290 p., illus., \$8.50. Scientific findings of conditions in or near the underground test sites, such as ground water movement, magnetism in volcanic rock, fracture patterns, and gravity data.

NEW DIRECTIONS IN TEACHING SECONDARY SCHOOL SCIENCE—Paul DeHart Hurd—Rand McNally, 1969, 239 p., paper, \$3.50. During the past decade, at every level and for each science subject of the high school, new alternative courses have been developed and tested. This book describes choices, discusses the discipline-centered curriculum and evaluates trends.

OUR VANISHING WILDERNESS—Mary Louise and Shelly Grossman and John N. Hamlet—Madison Square Press (Grosset & Dunlap), 1969, 324 p., 275 photographs (150 in color) by Shelly Grossman, map, \$14.95. Combines scholarship, outstanding photography and firsthand observation to present the ecological interrelationship and interactions of the natural world.

THE PERIPHERAL WORKER—Dean Morse—Columbia Univ. Press, 1969, 202 p., \$7.50. Study and analysis of peripheral work in U.S. contemporary economy, of those working less than full time a full year, comprising mostly the young, females and disadvantaged, concentrated in agriculture, trade and services.

THE PILL: Facts and Fallacies about Today's Oral Contraceptives—Robert W. Kistner, M.D.—Delacorte Press, 1969, 329 p., \$5.95. A comprehensive and factual discussion in which gynecologist presents detailed analysis of the medical, psychological, social and moral effects of the pill.

POLICY-MAKING IN AMERICAN GOVERNMENT —Edward V. Schneider, Ed.—Basic Bks., 1969, 365 p., \$10. Focuses on the process of political decision-making rather than on the institutions, from the time a political problem is first formulated to the time when law is passed, applied, revised and redefined.

POTIONS, REMEDIES AND OLD WIVES' TALES—W. W. Bauer, M.D.—Doubleday, 1969, 319 p., \$5.95. Physician examines common beliefs and practices, explains which have been useful to medicine and which are without value or worse. Authoritatively discusses medicine's debt to folklore remedies and new therapy from old remedies.

PROTEIN-ENRICHED CEREAL FOODS FOR WORLD NEEDS—Max Milner, Ed., foreword by Nevin S. Scrimshaw—Am. Assn. of Cereal Chemists, 1969, 343 p., illus., paper, \$6.50. Summarizes recent experience with the improvement of the protein quality of cereal-based diets, including commercial promotion of low-cost protein-rich foods.

THE PSYCHOLOGICAL WORLD OF THE TEEN-AGER: A Study of Normal Adolescent Boys—Daniel Offer—Basic Bks., 1969, 286 p., \$7.95. Findings of an intensive psychiatric study of a group of well-adjusted normal boys, most of them middle-class suburban high-school students.

THE PSYCHOLOGY OF SUPERSTITION—Gustav Jahoda—Penguin Bks., 1969, 158 p., \$6.95. A survey of the manner in which theories including psychoanalysis, experimental, developmental and social psychology have sought to tackle the phenomenon of superstition.

SCHOLASTIC APTITUDE TESTS: College Entrance Examination Board—David R. Turner—

Arco, 442 p., illus., paper, \$4. Comprehensive study guide with practice questions and study material in all S.A.T. areas.

SCORING HIGH ON COLLEGE ENTRANCE TESTS: The Complete Study Guide—David R. Turner—Arco, 1969, 633 p., illus., paper, \$4. Discusses the best ways for handling exam questions, offers practice tests in all areas and analyzes model exams.

SEEING AND THE EYE: An Introduction to Vision—G. Hugh Begbie—Natural Hist. Press, 1969, 227 p., illus., \$5.95. Takes reader step by step through the entire visual complex, the physics of light, the anatomy of the eye and the function of the brain.

SEX ENERGY: The Sexual Force in Man and Animals—Robert S. de Ropp—Delacorte Press, 1969, 236 p., illus., \$6.95. Surveys the role of sex energy throughout the living world from the blending of DNA codes, sex manifestations in plants and animals, to the role of sex in human behavior from both the physiological and historical point of view.

STUDIES IN VOLCANOLOGY: A Memoir in Honor of Howel Williams—Robert R. Coats, Richard L. Hay and Charles A. Anderson, Eds.—Geological Soc. of Am., 1968, 678 p., photographs, maps, \$19.25. Seventeen modern studies of old and new volcanoes, from Tahiti and Hawaii to Alaska and New Mexico.

VASCULAR PLANTS OF THE PACIFIC NORTHWEST, Part 1: Vascular Cryptogams, Gymnosperms and Monocotyledons—C. Leo Hitchcock, Arthur Cronquist and Marion Ownbey—Univ. of Wash. Press, 1969, 914 p., illus., by Jeanne R. Janish, \$25. Part 1 of five-part flora, offers complete guide with keys to the ferns, fern-related and seed-bearing plants of Washington, northern Oregon and Idaho, western Montana and southern British Columbia.

WAR: The Anthropology of Armed Conflict and Aggression—Morton Fried, Marvin Harris and Robert Murphy, Eds.—Natural Hist. Press, 1968, 262 p., diagrams, \$6.95; paper, \$2.95. Symposium papers outline the responsibilities and tasks of anthropology as a discipline concerned with man's past, his present and his future development.

WATER: Solutions to a Problem of Supply and Demand—Michael Overman—Doubleday, 1969, 192 p., photographs, diagrams, \$5.95; paper, \$2.45. Explains the basic hydrologic cycle, distribution of water resources, dams, aqueducts, reservoirs, canals and wells, and developments in hydro-electricity and desalination.

WHY ABM? Policy Issues in the Missile Defense Controversy—Johan J. Holst and William Schneider, Jr., Eds.—Pergamon Press, 1969, 321 p., \$6.95. Collection of "white papers," prepared by the staff and fellow members of Hudson Institute.

THE WILD CASCADES—Harvey Manning, foreword by William O. Douglas—Sierra Club/Ballantine Bks., 1969, 160 p., color plates, photographs, paper, \$3.95. Displays the magnificent wilderness of America's Alps in the state of Washington.

A WORLD OF ISLANDS—June Knox-Mawer—Viking Press, 1969, 254 p., photographs by Peter Carmichael, maps, \$12.95. Pictures and text provide a close-up view of life today in such areas of the Southwest Pacific as Fiji, Tonga, and the Gilbert and Ellice Islands.

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