

books OF THE WEEK

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THE MANIPULATION OF AIR-SENSITIVE COMPOUNDS—D. F. Shriver—McGraw-Hill, 1969, 299 p., illus., \$17.50. A guide to high vacuum and inert atmosphere techniques which are the principal methods used for handling highly reactive compounds and gases.

MOTHS AND HOW TO REAR THEM—Paul Villiard—Funk & Wagnalls, 1969, 242 p., photographs by author, \$10. A modern rearing manual for the amateur and professional breeder, the result of nine years of close study by biophotographer-naturalist, includes appendices depicting winter twigs and guide to food plants.

NATURAL RESOURCE INFORMATION FOR ECONOMIC DEVELOPMENT—Orris C. Herfindahl—Johns Hopkins Press, 212 p., diagrams, \$7. Study, based on research conducted in Latin America, analyzes the effectiveness of various resource information-gathering programs under varying circumstances, discusses current techniques, and offers guidelines for government programs suited to particular needs.

THE NEW WORLD OF THE OCEANS: Men and Oceanography—Daniel Behrman—Little, Brown, 1969, 436 p., photographs, \$10. Written for the interested layman, the book tells of the men in the major oceanographic institutions and the multi-disciplinary research they perform under water, on beaches, in laboratories on land and at sea.

OLFACTION IN FISHES—Herman Kleerekoper—Indiana Univ. Press, 1969, 222 p., illus., \$12.50. Comprehensive review of the literature of the past 100 years on the significance of olfaction in fishes, describes leading theories and presents evidence for the role of olfaction in procuring food, defense mechanisms, sexual behavior, social behavior, orientation and migration.

ON FIGHTING POVERTY: Perspectives from Experience—James L. Sundquist, Ed.—Basic Bks., 1969, 256 p., \$8.50. Seminar papers and discussions analyzing the origins of the War on Poverty, how strategic and tactical decisions were made, and what lessons may be learned from the experience.

ON UNDERSTANDING POVERTY: Perspectives from the Social Sciences—Daniel P. Moynihan, Ed.—Basic Bks., 1969, 425 p., \$10. Based on seminar papers and their discussions, the book deals with the theoretical aspects of the nature of poverty.

THE PACIFIC SALMON FISHERIES: A Study in Irrational Conservation—James A. Crutchfield and Giulio Pontecorvo—Johns Hopkins Press, 1969, 220 p., diagrams, \$6. Explores relevant aspects of the theory of common property resources as applied to salmon fisheries, develops bio-economic model, methods of regulation, their case histories, and proposes alternative regulation programs.

PARADOX, PROCESS AND PROGRESS: Essays on the Community of Higher Learning—Ronald W. Roskens and Robert I. White, Eds.—Kent State Univ. Press, 1968, 176 p., \$5. Selection of essays intended to be representative of awareness and searching inquiry at various levels of higher education.

PDM, PHYSICIANS' DRUG MANUAL, Vol. 1, No. 1, April 1969—Albert A. LaVerne, M.D., Exec. Ed.—Physicians' Drug Manual, 60 p., diagrams, paper, \$5, monthly, subscriptions limited to licensed physicians and medical libraries, \$48.50 a year, direct to publisher, 17 E. 82nd St., New York, N.Y. 10028. Drug information and appraisals derived from world-wide sources summarized in visual-chart reference form, facilitating comparison of drugs for members of the health professions.

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PHOTOSYNTHESIS—Isaac Asimov—Basic Bks., 193 p., diagrams, \$5.95. Provides a very readable account as seen through the chemist's eye of the vital process that replenishes the atmosphere's store of oxygen and transforms sunlight into usable energy in the plants that nourish life on earth.

POPULATION, EVOLUTION AND BIRTH CONTROL: A Collage of Controversial Ideas—Garrett Hardin, Ed.—Freeman, 1969, 2nd ed., 386 p., \$6; paper, \$2.95. A book of readings in the history of opinion concerning the foreseeable growth in population.

PREVENTING THE SPREAD OF NUCLEAR WEAPONS: Pugwash Monograph I—C. F. Barnaby, Ed.—Humanities Press, 1969, 374 p., diagrams, \$9.50. Monograph presents background data, papers on technical and political aspects of safeguard systems, a summary of the discussions, and texts of treaties.

PSYCHIATRY IN THE COMMUNIST WORLD—Ari Kiev, M.D., Ed.—Science House, 1969, 276 p., \$10. Brings together material on most of the Communist countries, written by psychiatrists selected for their familiarity with the overall picture in the countries where they work.

THE PSYCHOLOGY OF THE CHILD—Jean Piaget and Bärbel Inhelder, transl. from French by Helen Weaver—Basic Bks., 1969, 173 p., \$5.95. Offers a definitive summing up of the developmental psychology Piaget has elaborated in the last 40 years, tracing the stages of cognitive development over the entire period of childhood, from infancy to adolescence.

PULSATING STARS: A Nature Reprint—Intro. by F. G. Smith and A. Hewish—Plenum Press, 1969, 92 p., illus., \$12. Volume includes selection of the first fifty scientific articles on pulsars published in *Nature* since the first pulsating object was reported by Dr. Hewish and his colleagues in February 1968.

THE QUALITY OF THE URBAN ENVIRONMENT: Essays on "New Resources" in an Urban Age—Harvey S. Perloff, Ed.—Resources for the Future (Johns Hopkins Press), 1969, 332 p., illus., paper, \$6.50. Progress reports in the areas of urban environmental pollution, open space and amenity resources for urbanites, transport, size and shape of cities.

RADARS: New Concepts—Michel H. Carpentier, transl. from 2nd French edition, preface by General F. Penin—Gordon & Breach, 1968, 269 p., diagrams, \$15. Introduces the fundamental concepts of random functions, of the ideal receiver and its performance, target fluctuation and measurement of angles with radar.

RADIATION INJURY: Effects, Principles and Perspectives—Arthur C. Upton—Univ. of Chicago Press, 1969, 126 p., illus., \$6.50. Surveys the effects of ionizing radiation which are of principal interest in the fields of medicine and public health, for both the professional and the concerned layman.

RCA COLOR TV SERVICE MANUAL—Carl H. Babcock—TAB Bks., 1969, 176 p., folding charts, diagrams, \$7.95; paper, \$4.95. Full size manual covering 23 RCA Color chassis, includes complete schematic diagrams for 12 chassis, from the CTC12 to the 1969 all-transistor CTC40 model.

REFERENCE BOOKS: How to Select and Use Them—Saul Galin and Peter Spielberg—Random

House, 1969, 312 p., \$7.95. A fully descriptive and evaluative guide to about 200 basic reference works, encyclopedias, dictionaries, atlases, almanacs, and specialized references in the humanities, physical and social sciences.

REVIEW OF TEXTILE PROGRESS: A Survey of World Literature, Vol. 17, 1965/66—P. W. Harrison, Ed.—Plenum Press, 1968, 601 p., diagrams, \$30. Concise guide to textile research and the textile industry's latest developments and techniques, published jointly by the Textile Institute and the Society of Dyers and Colourists.

SEAWEEDS OF CAPE COD AND THE ISLANDS—John M. Kingsbury—Chatham Press, 1969, 212 p., illus. by Edward and Marcia Norman, \$12.50. A study of some 100 species of marine flora, representing a majority of those existing along the East Coast of North America.

SOLAR-TERRESTRIAL PHYSICS: Solar Aspects (Proceedings of Joint IQSY/COSPAR Symposium, London 1967, Part D)—A. C. Stickland, Ed.—M.I.T. Press, 1969, 414 p., illus., \$19.50. Preliminary surveys of the material collected during the period of sunspot minimum (1964-1965), concerning solar activity, interplanetary space, cosmic radiation, earth's radiation belts, auroras and airglow.

THE SUBURBAN MYTH—Scott Donaldson—Columbia Univ. Press, 1969, 272 p., \$10. A study that attempts to account for the reasons behind the existing criticism of suburbia.

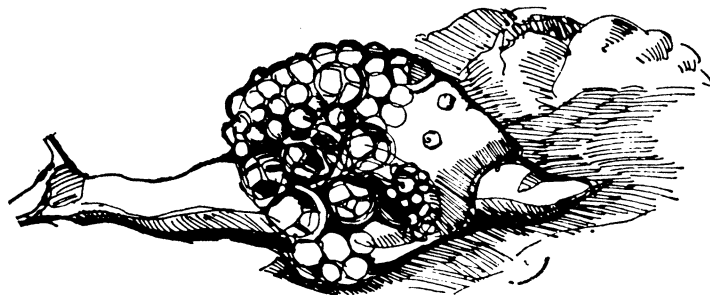
TOWARDS A THEORETICAL BIOLOGY, Vol. 2: Sketches—C. H. Waddington, Ed.—Aldine Pub. Co., 1969, 351 p., illus., \$12.50. Based on Second Symposium of the International Union of Biological Sciences at which biologists, mathematicians and theoretical physicists explored the possibility of formulating the elements useful in the eventual construction of a comprehensive Theory of Biology.

TWENTIETH CENTURY DISCOVERY—Isaac Asimov—Doubleday, 1969, 178 p., \$4.95. Tells about some of the extraordinary changes brought about in this century by scientific thought and action, such as the war on insects, the search for the origin of life, the structure of matter and probing the solar system.

WESTERN PSYCHOLOGY: From the Greeks to William James—Gardner Murphy and Lois B. Murphy, Eds.—Basic Bks., 1969, 296 p., \$8.50. Presents selections of key writings from seminal psychological thinkers representative of each major phase of Western intellectual history, from the pre-Socratics to the first formulation of evolutionary psychology at the turn of the 20th century.

WHY PEOPLE GO TO PSYCHIATRISTS—Charles Kadushin—Atherton Press, 1969, 373 p., diagrams, \$8.95. An examination in depth of the reasons and ways that people seek psychiatric help in the contemporary metropolitan environment, based on basic data obtained from 1500 New York City patients in three major treatment areas—medical, analytic and religio-psychiatric.

WORLD WITHOUT TIME: The Bedouin—Edward Nevins and Theon Wright, foreword by Sir John Bagot Glubb—Day, 1969, 318 p., photographs by Edward Nevins, \$8.50. An account of a personal journey through the Jordanian desert, portraying the way of life of the Arabs of the desert.



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