

books OF THE WEEK

ALONG THE FOURTH DIMENSION: Man's Sense of Time and History—Joost A. M. Meerloo—Day, 1970, 278 p., illus. by Carl Smith, \$8.95. Psychiatrist deals with the subjective approach to time, from biological time and rhythm, awareness of and orientation in time, to the sense of timing and being in tune with time.

AMERICAN SOCIETY IN TRANSITION—Chester A. Davis—Appleton-Century-Crofts, 1970, 285 p., \$5.50. A synthesis of background studies on American institutions and an analysis of institutional change in the mass society.

THE ART OF FORECASTING—Louis H. Bean—Random House, 1970, 196 p., diagrams, tables, \$10. Demonstrates the author's method of predicting significant fluctuations in business, GNP, voting behavior, weather and crops, by examining series of data, and by identifying and selecting indications of meaningful historical repetition of patterns.

BEHAVIOR TODAY: The Human Sciences Newsletter, Vol. I, No. 1—Kenneth Goodall, Ed.—Communications/Research/Machines, 1970, 8 p., illus., paper, \$1.25; bi-weekly, \$25 a year. A professional newsletter reporting up-to-date developments in legislation, grants, appointments, research, awards, jobs, games, tests, education, and mental health.

THE BIOCHEMISTRY OF THE CELLS OF BLOOD AND BONE MARROW—Joseph F. Seitz—Thomas, C. C., 1970, 248 p., diagrams, tables, \$18.75. Summarizes contemporary achievements of biochemistry and molecular biology in the study of the chemism and metabolism of human blood cells, both normal and pathological.

THE CHALLENGE OF WORLD POVERTY: A World Anti-Poverty Program in Outline—Gunnar Myrdal, foreword by Francis O. Wilcox—Pantheon Bks., 1970, 518 p., \$8.95. Continuing the basic analysis of the relations between rich and poor nations, covered in ASIAN DRAMA, this book stresses the need for much greater effort, particularly, through social and economic reforms in the developing countries themselves.

CHANGING HOMOSEXUALITY IN THE MALE: Treatment for Men Troubled by Homosexuality—Lawrence J. Hatterer, M.D.—McGraw-Hill, 1970, 492 p., \$15. Believing that the causes of homosexuality must be multiply determined and require multidimensional treatment, the author discusses clinical experience with a variety of therapeutic confrontations and techniques.

COLLECTING SEASHELLS—Kathleen Yerger Johnstone—Grosset & Dunlap, 1970, 198 p., color plates, photographs, drawings, maps, \$5.95. An informal, yet highly informative guide to the delights of intelligent and successful beachcombing for shells and their proper conservation.

FINE CERAMICS: Technology and Applications—F. H. Norton—McGraw-Hill, 1970, 507 p., illus., \$24.50. A reference volume covers the field of the fine ceramic production, from discussion of kaolin, pottery clays and other raw materials through colors, glazes and effect of heat, to specific products and processes.

FROZEN TOMBS OF SIBERIA: The Pazyryk Burials of Iron Age Horsemen—Sergei I. Rudenko, transl. from Russian with preface by M. W. Thompson—Univ. of Calif. Press, 1970, 450 p., 33 color plates, photographs, drawings, map, \$30. Detailed account of remarkably well preserved objects excavated from permanently frozen ground, showing a wealth of ornamented leather, applied felt designs, intricate skin tattoos, silk embroideries and carpets dating from about 2,500 years ago.

GAME THEORY: A Nontechnical Introduction—Morton D. Davis, foreword by Oskar Morgenstern—Basic Bks., 1970, 208 p., diagrams, \$6.95. A clear comprehensive account of the theory of games of strategy and of many of its applications, brings out the immense complexity of the social world and how complicated ultimately a theory will have to be that tries to explain it.

PAPERS ON REGULATION OF GENE ACTIVITY DURING DEVELOPMENT—William F. Loomis, Jr., Ed.—Harper, 1970, 442 p., illus., paper, \$6.75. Topics discussed range from differential synthesis of proteins in developing organs to chromosomal differentiation, and hemopoiesis.

PARENTERAL NUTRITION: Proceedings of an International Symposium, Vanderbilt Univ. School of Medicine, Nashville, Tenn.—H. C. Meng and David H. Law, Eds.—Thomas, C. C., 1970, 594 p., illus., \$24.75. Compilation of basic clinical information concerning indications for parenteral nutrition—carbohydrate, protein and fat—and practical experience with the use of total parenteral nutrition.

THE POLITICAL PERSUADERS: The Techniques of Modern Election Campaigns—Dan Nimmo—Prentice-Hall, 1970, 214 p., \$5.95; paper, \$2.45. An analysis of modern professional campaign management methods, the role of polling, the tactics of mass persuasion, and the effects of professionally mediated campaigns.

THE POLITICS OF CORRUPTION: Organized Crime in an American City—John A. Gardiner—Russell Sage Foundation (Basic Bks.), 1970, 129 p., \$5.95. Detailed, long-term study shows the actual corrupt practices in a small Eastern industrial center, public attitudes toward law enforcement, and the consequences of corruption on politics and law enforcement.

THE POND ON MY WINDOWSILL—Christopher Reynolds, foreword and appendix by John C. Pallister—Pantheon Bks., 194 p., illus. by author, \$4.95. Naturalist tells the story of his own freshwater insect aquarium, his expeditions for water plants and water creatures.

POPULATION, RESOURCES, ENVIRONMENT: Issues in Human Ecology—Paul R. Ehrlich and Anne H. Ehrlich—Freeman, 383 p., illus., maps, \$8.95. Takes a broad ecological approach in presenting population projections, limitation of earth, food production, endangered ecosystems, population control, social and political change.

PRINCIPLES OF SPACEFLIGHT PROPULSION—E. M. Goodger—Pergamon Press, 1970, 172 p., diagrams, \$8.50. Deals with the fundamentals of those processes of energy release and conversion essential to flight within the near vacuum of space, and presents the essentials of chemical, nuclear and electric propulsion.

SIGMA MOLECULAR ORBITAL THEORY—Oktay Siinanoglu and Kenneth B. Wiberg—Yale Univ. Press, 1970, 455 p., diagrams, paper, \$17.50. Represents an over-all view of the new semi-empirical methods and their theoretical basis, compares them with nonempirical computer calculations, and presents a range of applications in organic and inorganic chemistry.

SOCIOTHERAPY AND PSYCHOTHERAPY—Marshall Edelson, M.D.—Univ. of Chicago Press, 1970, 266 p., diagrams, \$12. Seeks to provide sociotherapy with a theoretical foundation, defines the concept of the "therapeutic community" and discusses its technical implications.

THE STORM PETREL AND THE OWL OF ATHENA—Louis J. Halle—Princeton Univ. Press, 1970, 268 p., drawings by author, maps, \$7.50. Observations of pelagic birds during the nesting season in the Shetland Islands, and other essays on ornithological themes.

THE TRANSFORMATION OF ACTIVISM—August Meier, Ed.—Aldine Pub. Co., 1970, 178 p., paper, \$2.45. Collection of articles on the black experience, tracing the transformation of civil-rights activism into black community organization, political action and rhetoric.

TROPICAL INDIAN OCEAN CLOUDS—Andrew F. Bunker and Margaret Chaffee—East-West Center Press, 1970, 193 p., illus., maps, \$10. Cloud data and photographs are presented with a minimum of comment and interpretation since the purpose of the International Indian Ocean Expedition was to collect data in a form suitable for study by others.

UP IN A BALLOON—Leonard Cottrell—Phillips, S. G., 1970, 192 p., illus., map, \$6.95. An account of man's early successful attempts with free and long distance ballooning.

VOLCANOES—Cliff Ollier—MIT Press, 1970, 177 p., 44 plates, diagrams, maps, \$7.95. Well illustrated, up-to-date account of the mechanism of volcanic activity, the products of eruption, and the many varieties of landforms produced by this most spectacular of landscape-forming processes.

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