books of the week

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CRADLE OF CIVILIZATION—Samuel Noah Kramer and Editors of Time-Life Books—Time-CRADLE OF CIVILIZATION—Samuel Noan Kramer and Editors of Time-Life Books—Time-Life Bks., 1967, 183 p., illus, (72 p. in color), \$3.95 direct to publisher, Time & Life Bldg., Chicago, Ill. 60611. Pieces together the evidence for Mesopotamia's claim to the title, through Sumerian, Babylonian and Assyrian cultures.

CULTURE AND CONSCIOUSNESS: Perspectives in the Social Sciences—Gloria B. Levitas, Ed.—Braziller, 1967, 340 p., \$7.50. The development of the social sciences from Comte to the present, explained in representative writings of major sociologists and anthropologists.

DIRECTORY OF BIOSCIENCE DEPARTMENTS IN THE UNITED STATES AND CANADA—American Institute of Biological Sciences, J. David Lockard, Dir.—Reinhold, 1967, 671 p., paper, \$8.50. Alphabetical listing of institutions, descriptive listing by states and alphabetical listing of faculty members in degree-granting departments.

DISEASE IN FOREST PLANTATIONS: Thief of Time—Dow V. Baxter—Cranbrook Institute, 1967, 251 p., photographs, \$8.50. Reports on successes and failures in forest plantations as guides to disease prevention.

ENGINEERING SALARIES: Special Industry Report, Research and Development 1966—Engineering Manpower Commission, Clifford H. Dochittle, Chmn.—EMC of Engineers Jt. Council, 1967, 44 p., graphs, paper, \$25. Based on survey of professional income of engineers by industry, with detailed breakdown by degree and supervisory status.

FORMULATION OF RESEARCH POLICIES: Collected Papers from an International Symposium—Lawrence W. Bass and Bruce S. Old, Eds.—AAAS, 1967, 210 p., illus., \$7.75. Considers the impact of science and technology on the formulation of policies at the national, international and individual corporate level.

THE FRAIL OCEAN—Wesley Marx—Coward-McCann, 1967, 248 p., photographs, \$5.95. An eloquent account of the delicate balance of life in the oceans and our need of awareness that this balance must be protected.

GUIDE TO MODERN MEDICAL CARE—S. D. Klotz, M.D.—Scribner, 1967, 365 p., \$7.95. Gives practical advice on how to choose your doctor, hospital, psychiatrist, dentist and pharmacist, how to buy health insurance, and find medical care while traveling abroad.

THE HEART OF THE ATOM: The Structure of the Atomic Nucleus—Bernard L. Cohen—Doubleday, 1967, 107 p., diagrams, \$3.95. Tries to describe all aspect of the nucleus in terms the interested high school student and layman can understand.

HIGHRISE BUILDING AND URBAN DESIGN
—Hans Aregger and Otto Glaus—Praeger, 1967,
200 p., photographs, drawings by O. Glaus, plans,
\$20. Discusses theoretical and practical considerations of highrise architecture, and shows in
detail and analyzes some 50 examples.

THE SPACE PACKAGE FOR EVERYONE INTERESTED IN

MAN'S CURRENT CONQUEST! Contains 12 full-color, authentic 2" x 2" slides selected from The U.S. Gemini Space Flights; a 32 page full-color book about NASA showing buildings, facilities, preparations, spacewalk and lunar modules; a catalog of 120 color slides, postcards, photos, wall charts; and a list of special negatives of 220 terrain shots made by our Gemini Astronauts in their revolutions around the earth. The entire package comaround the earth. The entire package, complete and postpaid for just \$4.75.

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THE STORY OF FRITZ HABER—Morris Goran—Univ. of Okla. Press, 1967, 212 p., \$4.95. Biography of Nobel Prize winner in chemistry discoverer of nitrogen fixation and developer of poison gas for warfare, includes bibliography.

LIVING PLANTS OF THE WORLD-Lorus and LIVING PLANTS OF THE WORLD—Lorus and Margery Milne—Random House, 1967, 336 p., 340 photographs (176 in color), \$15. Systematic, nontechnical presentation of 150 plant families that reproduce by means of seeds, selected for their interest to man, beautifully illustrated.

MATHEMATICS FOR THE MODERN MIND—Walter R. Fuchs, foreword by Hermann Bondi, transl. from German by H. A. Holstein—Macmillan, 1967, 286 p., illus. in color, \$6.95. A successful attempt to prove to the man of average intelligence that mathematics is really easier than most people think it is, if the student is willing to give enough time to it.

PENGUINS—John Sparks and Tony Soper—Taplinger, 1967, 263 p., illus, by Robert Gillmor, photographs, \$8.95. Tells in detail the story of the life and history of penguins, of their distribution and breeding areas all over the Southern Hemisphere.

PICTORIAL GUIDE TO THE MAMMALS OF NORTH AMERICA—Leonard Lee Rue III—Crowell, 1967, 299 p., 108 photographs by author, 65 range maps, \$7.95. Handsome volume showing the wild animals in their habitat, describing characteristics, life cycles and habits, includes track charts and useful appendixes.

PLUTONIUM HANDBOOK: A Guide to the Technology, Vol. I—O. J. Wick, Ed.—Gordon & Breach, 1967, 520 p., illus., \$26; professional ed. \$15.50. Comprehensive and authoritative treatise prepared under the auspices of the AEC.

THE POLITICAL CREATURE: An Evolutionary Reorientation—Peter Zollinger—Braziller, 1967, 302 p., \$7.50. Presents the author's attempt to integrate what is known regarding the world of political civilization into the general framework of modern evolutionary science.

PRINCIPLES OF UNDERWATER SOUND FOR ENGINEERS—Robert J. Urick—McGraw-Hill, 1967, 342 p., illus., \$17.50. Using sonar equations as a unifying theme, the book deals with the various causes, effects and phenomena of underwater sound, such as transducer arrays and detection threshold.

PROCEEDINGS OF THE THIRD INTERNATIONAL CONGRESS OF HUMAN GENETICS, 1966: Plenary Sessions and Symposia—James F. Crow and James V. Neel—Johns Hopkins Press, 1967, 578 p., illus., \$14.50. Records the efforts and developments in molecular biology and experimental plant, animal and microbial genetics since 1961.

PSYCHOANALYSIS OBSERVED — Geoffrey Gorer and others, introd. by Charles Rycroft, Ed. —Coward-McCann, 1967, 165 p., \$4.50. Essays by three practising analysts, a theologian and a social anthropologist examine the value of psychoanalysis in the modern world.

PSYCHODYNAMIC STUDIES ON AGING: Creativity, Reminiscing and Dying—Sidney Levin and Ralph J. Kahana, Eds.—International Universities Press, 1967, 345 p., \$7. Report of 1964 symposium of the Boston Society for Gerontologic Psychiatry, exploring the intrapsychic life of the aged person, dealing with healthy as well as pathological apsects.

PUNCHED CARD EQUIPMENT: Principles and Applications—Joseph Levy—McGraw-Hill, 1967, 161 p., illus., \$8.95. Basic introduction to wiring and operating six widely used IBM machine.

THE PYRAMID OF LIVING THINGS—Edith Raskin—McGraw-Hill, 1967, 192 p., illus. by Joseph Cellini, \$4.50. About the community of living things in tundra, taiga, forest, grassland, desert and savana living things desert and sa savanna.

THE ROADS THAT LEAD TO ROME—Victor W. von Hagen—World Pub. Co., 1967, 288 p., 210 photographs (64 in color) by Adolfo Tomerucci, maps, \$10.95. Offers a fascinating glimpse of 800 years of Roman expansion. The book is the result of an expedition through 34 countries following the course of more than 30,000 miles of ancient Roman roads.

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SCRIPPS INSTITUTION OF OCEANOGRA-PHY: First Fifty Years—Helen Raitt and Beatrice Moulton—Ward Ritchie Press, 1967, 217 p., photographs, \$9.50. Highly readable history of the aims, growth and people involved in the development of the scientific institution in La Jolla, California.

THE SEARCH FOR THE ROBOTS—Alfred J. Cote, Jr.—Basic Bks., 1967, 243 p., diagrams, \$5.95. Electronic engineer takes the reader on an explanatory tour of computer brain building, the neuristor concept, machines that learn, pattern recognition and other aspects of artificial intelligence.

STARS ON THE CEILING: The Planetarium Story—Dirk Gringhuis—Meredith Press, 1967, 80 p., illus. by author, photographs, \$2.95. About modern planetariums and what can be observed

THEORY AND METHODS OF SOCIAL RE-SEARCH—Johan Galtung—Columbia Univ. Press, 1967, 534 p., \$10. Discusses the properties of social data with a view to weaknesses and strengths of various approaches of social science social uata strengths of methodology.

URBAN POLITICAL SYSTEMS: A Functional Analysis of Metro Toronto—Harold Kaplam—Columbia Univ. Press, 1967, 320 p., \$8.50. History and analysis of performance of the first North American example of a functioning metropolitan federation plan, created in 1953 by the province of Ontario to serve 13 municipalities.

WALK IN SPACE: The Story of Project Gemini—Gene Gurney—Random House, 1967, 185 p., photographs, \$1.95. Popular account of one of the most publicized technical feats of recent years.

WOOD ULTRASTRUCTURE: An Atlas of Electron Micrographs—Wilfred A. Côté, Jr.—Univ. of Wash. Press, 1967, 56 p., 25 micrographs, \$3.95. Micrographs selected to demonstrate a number of critical features of wood ultrastructure.

YOU ARE EXTRAORDINARY—Roger J. Williams—Random House, 1967, 252 p., illus., \$5.95. Biochemist presents in non-technical language research findings about individuality of human that individuals cannot aged with other people.

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