Books of the Week

For the editorial information of our readers, books received for review 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.

ABOUT ATOMS FOR JUNIOR-Les Landin-Melmont Pubs., 31 p., illus. by author, \$2.50. Amusingly illustrated elementary facts.

THE AGING AMERICAN: An Introduction to Social Gerontology and Geriatrics—Milton L. Barron—Crowell, 269 p., \$7.50. Scholarly volume bringing together relevant facts and theories on what it means to grow old in terms of health, employment, social and personal adjustment. Extensive bibliographies included.

THE AMAZING WORLD OF MEDICINE-Helen Wright and Samuel Rapport, Eds.—Harper, 301 p., \$3.50. Traces some memorable events in the history of medicine and tells them as dramatic stories.

APPLIED THERMODYNAMICS—Stanley H. Bransom—Van Nostrand, 230 p., \$6. Undergraduate course on the application of thermodynamic functions to basic operations of physical chemistry, fuel technology and heat engineering.

THE ATOMS WITHIN US—Ernest Borek—Columbia Univ. Press, 272 p., illus., \$5. Takes the layman into the biochemist's laboratory for a look at the molecular structure and mechanism of living things.

BIRD MORTALITY IN THE DUTCH ELM DISEASE PROGRAM IN MICHIGAN—George J. Wallace Walter P. Nickell and Richard F. Bernard— Cranbrook Inst. of Science, 44 p., paper, \$1. Survey of bird losses observed in Michigan in connection with elm disease control programs.

BOTANICAL BULLETIN OF ACADEMIA SINICA.



New Series, Vol. 1, No. 2—H. W. Li, Dir.— Institute of Botany, Academia Sinica, Taiwan, \$175 p., photographs, paper, annual subscription \$2. Publishes original Chinese research in botany, in English, continuing on Taiwan the Old Series begun in March 1947 in Shanghai by this Institute.

CAMELS AND LLAMAS - Olive L. Earle -Morrow, 64 p., illus. by author, \$2.75. Informative reading for beginners.

CELLULAR PHYSIOLOGY AND BIOCHEMISTRY-William D. McElroy-Prentice-Hall, 120 p., illus., \$2.95; paper \$1.50. New text in the "Foundation of Modern Biology" series.

THE CHEMICAL WARFARE SERVICE: From Laboratory to Field—Leo P. Brophy, Wyndham D. Miles and Rexmond C. Cochrane—Off. of the Chief of Military Hists, Dept. of the Army (GPO), 498 p., illus., \$3.50. History of the CWS of the U. S. Army in World War II.

CLEAN WATER: A Challenge to the Nation-Public Health Service, HEW, 48 p., illus., paper, single copies free upon request direct from publisher, Washington 25, D.C. Highlights and recommendations of the National Conference on Water Pollution, Dec., 1960.

COLLEGE AHEAD! A Guide for High-School Students and Their Parents-Eugene S. Wilson and Charles A. Bucher-Harcourt, rev. ed., 186 p., \$4.50. New information about loans, tuition changes, early admission and testing programs.

A FIELD GUIDE TO ROCKS AND MINERALS-Frederick H. Pough-Houghton, 3rd ed., 349 p., 260 photographs, \$4.50. Many color plates and crystal drawings assist the collector in identification in the field.

Freedom and Communications-Dan Lacy-Univ. of Ill. Press, 93 p., \$3. Appraisal of U. S. communications system of the 1950's—books, newspapers, magazines, radio, television and libraries.

GALILEO IN CHINA: Relations through the Roman College between Galileo and the Jesuit Scientist-Missionaries—Pasquale M. D'Elia, transl. by Rufus Suter and Matthew Sciascia, foreword

Hypnosis in Treatment

By WILLIAM MOODIE, M.D.

By WILLIAM MOODIE, M.D.

What hypnosis can do for the patient is the subject of this book: how hypnosis can be used by the doctor (including the general practitioner) and what results may be achieved provided the subject of the book: how hypnosis can be used by the doctor (including the general practitioner) and what results may be achieved provided and provided the provided and provided and

EMERSON BOOKS, Inc., Dept. 213-M 251 West 19 Street, New York 11

by Donald H. Menzel-Harvard Univ. Press, 115 p., illus., \$4. Based on unpublished Jesuit documents.

GUIDANCE FOR THE ACADEMICALLY TALENTED STUDENT-Elizabeth M. Drews, Ed.-NEA, 143 p., paper, \$1. Conference report discussing identification, motivation and counseling of gifted students.

The Individual and the Universe—A. C. B. Lovell—New Am. Lib., 126 p., photographs, paper, 50¢. Non-technical survey of modern astronomy.

THE INTEGRATIVE ACTION OF THE NERVOUS System—Sir Charles Sherrington— -Yale Univ. Press, 413 p., illus., paper, \$1.95. Reprint, first published in 1906.

THE IVY LEAGUE TODAY-Frederic A. Birmingham—Crowell, 257 p., \$4.50. Tells about dif-ferences and similarities of Brown, Columbia, Cornell, Dartmouth, Harvard, Pennsylvania, Princeton and Yale.

THE LAWN BOOK-Robert W. Schery-Macmillan, 207 p., photographs, drawings, \$5.95. Covers each aspect of planning, planting and maintaining lawn grasses suitable to any U.S. climate.

LIVING FISHES OF THE WORLD—Earl S. Herald —Doubleday, 304 p., photographs, 145 in full color, \$12.50. Emphasis in this beautiful book is on the lesser known groups of tropical fish, systematically classified and fully described with the latest information available.

LIVING WITH RADIATION: The Problems of the Nuclear Age for the Layman, Part 1, Fundamentals — Francis L. Brannigan — US AEC (GPO), 65 p., illus., paper, 45¢. Elementary safety instruction, includes dictionary of atomic terms.

THE LONELY LAND-Sigurd F. Olson-Knopf, 73 p., illus., \$4.50. Exploring the wilderness of the Canadian Northwest.

Money Converter and Tipping Guide for EUROPEAN TRAVEL—Charles Vomacka—Dover, 7th rev. ed., 128 p., paper, 60¢. Also includes telephone, cable and postal rates, clothing sizes, and weather information, for both western and eastern Europe.

THE NATIONAL CONFERENCE ON WATER POL-LUTION, 1960: Proceedings—Public Health Service (GPO) 607 p., paper, \$2.25. Conference papers and discussions.

ORGANIC CHEMISTRY-Keith M. Seymour-Prentice-Hall, 321 p., \$9. Introduction to the basic principles of organic chemistry written for a one-semester course.

ORTHOGRAPHIC ATLAS OF THE MOON: Supplement No. 1 to the Photographic Lunar Atlas (Continued on p. 190)

ASTRONOMY-

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Books of the Week

(Continued from p. 188)

-D. W. G. Arthur and E. A. Whitaker; Gerard P. Kuiper, Ed.—Univ. of Arizona Press, 18"x 23", 34 sheets in loose-leaf binder, \$9. Sectionalized, high-precision maps of moon's central regions for use at telescope or in classroom.

OUR NATIONAL PARK POLICY: A Critical History-John Ise-Johns Hopkins Press, 701 p., illus., \$10. Covers mainly the scenic and archaeological parks and monuments, gives some attention to forest and grazing lands and the general problems of conservation.

THE OUTERMOST HOUSE: A Year of Life on the Great Beach of Cape Cod-Henry Beston-Viking, 222 p., paper, \$1.25. Reprint of story about the seasons on a beach at the North

THE PEOPLE OF ALOR: A Social-Psychological Study of an East Indian Island, Vol. I-Cora Du Bois, with analyses by Abram Kardiner and Emil Oberholzer-Harvard Univ. Press, 654 p., illus., \$10. Reissue of classic work in modern anthropology, with author's new chapter "Two Decades Later."

PLANT ANALYSIS AND FERTILIZER PROBLEMS-Walter Reuther, Ed.—AIBS, 454 p., \$8. Papers and discussions of the Third Colloquium, held in Montreal, Canada, in August, 1959, in connection with the 9th International Botanical Congress.

PROBLEMS OF THE NORTH: Translation of 'Problemy Severa"-P. A. Gordienko and others -National Research Council, Canada, 376 p., illus., paper, \$7. Collection of papers by Russian specialists on oceanographic, geological, geophysical and biological aspects of polar regions.

Professor: Problems and Rewards in College Teaching—Fred B. Millett—Macmillan, 189 p., \$3.50. Book traces the full span of a teaching career.

Progress in Endocrinology, Part I: Neuroendocrinology and Endocrinology of the Thyroid and Parathyroid Glands-K. Fotherby and others, Eds.—Cambridge Univ. Press, 166 p.,

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MICROSLIDES: INSECTS, MARINE LIFE, Zo-ological, Botanical, British Fresh Water Algae, Send for complete list. Free. Esbe Laboratory Supplies, 459 Bloor St., W., Toronto, Ontario, Canada.

NATIONAL GEOGRAPHIC MAGAZINES, 1888-1960, any issue. Periodical Service, Box 465-SN., Wilmington, Delaware.

NEW LIQUID CASTING PLASTIC CLEAR COI-ors. Embed real flowers, minerals, biological speci-mens, delicate instruments, electronic parts. Also cold setting resin and fiberglass for laminating, casting, molding, coating. Manual 25¢. Castolite Company, Dept. C-30, Woodstock, Illinois.

PREPARED SLIDES, Blood Slides, 65¢ P.O. Philadelphia 11, Penna. SET OF 6 \$2.00 P.P. Scope, 1143 Levick Street, illus., \$8.50. Proceedings of the Edinburgh meeting on Endocrinology, 16-20 August, 1959.

RADIO ASTRONOMY-F. Graham Smith-Penguin, 265 p., illus., paper, \$1.65. Reviews the origin, development and achievements of radio astronomy, for the layman.

Russian for Scientists-Dennis Ward-Macmillan, 204 p., \$3.95. Introduction to Russian grammar, provides a recognition course aimed at helping student to recognize grammatical forms in Russian text.

SENSORY DEPRIVATION: A Symposium Held at Harvard Medical School-Philip Solomon and others, Eds., foreword by Stanley Cobb—Harvard Univ. Press, 262 p., \$5.75. Papers and discussions of experimental and clinical studies, theory and implications.

SEPARATION PROCESSES IN PRACTICE—Robert F. Chapman, Ed.—Reinhold, 209 p., illus., \$4.95. Practical information for the young chemical engineer.

SIMPLIFIED CALCULUS—F. L. Westwater— Macmillan, 160 p., \$3.50. Emphasizes the essentials of calculus as well as underlying basic mathematical principles, and presents symbols in clearly defined stages.

Sociology of Crime—Joseph S. Roucek, Ed. -Philosophical Lib., 551 p., \$10. Contributions by sociologists, psychiatrists, law enforcement personnel and educators.

THE SPLIT-LEVEL TRAP-Richard E. and Katherine K. Gordon with Max Gunther—Geis (Random House), 348 p., \$4.95. Psychiatrist and his wife look at suburban living.

THE STRUCTURE OF SCIENCE: Problems in the Logic of Scientific Explanation—Ernest Nagel— Harcourt, 618 p., \$10. Scholarly investigation of the limits and possibilities of sciences, what they can and cannot answer about the "why" of things, of human behavior, of events.

A SURVEY OF PHYSICAL THEORY (Formerly Titled: A Survey of Physics)—Max Planck, transl. by R. Jones and D. H. Williams-Dover, 117 p., paper, \$1.15. Collection of essays and papers first published in 1925.

A Symposium on Light and Life—William D. McElroy and Bentley Glass, Eds.—Johns Hopkins Press, 924 p., illus., \$15. Contains papers and informal discussions on molecular structure and excited states, photosynthesis, and biological reactions to light.

THINKING AND PSYCHOTHERAPY: An Inquiry into the Processes of Communication-Harley C. Shands, foreword by Stanley Cobb-Harvard Univ. Press, 319 p., \$5.75. Psychiatrist aims at synthesis of leading ideas in neurophysiology, the psychology of language and thought, sociology and psychotherapy.

VACUUM MICROBALANCE TECHNIQUES, Vol. I -M. J. Katz, Ed., introd. by Thor N. Rhodin -Plenum Press, 152 p., illus., \$6.50. Proceedings of 1960 Conference sponsored by U. S. Army Signal Research and Development Laboratory.

Why Can't You Have a Baby?—Alan F. Guttmacher and Joan Gould—Public Affairs Committee, Pamphlet No. 309, 20 p., illus., paper, 25¢ direct to publisher, 22 E. 38th St., New York 16, N. Y. Gynecologist discusses the question of fertility.

THE WILD BLUE: The Story of American Airpower-John F. Loosbrock and Richard M. Skinner, Eds.—Putnam, 620 p., \$5.95. Selection of articles that appeared in Air Force Magazine, 1946 through 1960.

A WORLD WITHOUT WAR-Walter Millis-Center for the Study of Democratic Institutions, 72 p., paper, single copies free upon request direct to publisher, Box 4068, Santa Barbara, Calif. Paper followed by discussion of the viability of a warless world.

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