

Books of the Week

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THE ABSORBANT MIND—Maria Montessori, transl. from Italian by Claude A. Claremont—Holt, 1967, 304 p., illus., \$6.95. Based on lectures which the Italian physician-educator gave in India in 1949, concerned with the nurture and care of young children's mental development during the first six years of life.

AIRCRAFT NOISE: Report of an International Conference on the Reduction of Noise and Disturbance Caused by Civil Aircraft—Board of Trade, London—Brit. Information Service, N.Y., 1967, 96 p., paper, \$1.60. Reports of committees and plenary sessions on which representatives of 26 countries participated.

THE AMATEUR ASTRONOMER'S GLOSSARY—Patrick Moore—Norton, 1967, 162 p., illus. by Cyril Deakins, \$5.95. Useful for quick reference, this dictionary explains terms from "aberration of starlight" to "zodiacal light," with 113 diagrams elucidating the more than 400 definitions.

CLAUDE BERNARD AND EXPERIMENTAL MEDICINE: Collected Papers—Francisco Grande and Maurice B. Visscher, Eds.—Schenkman Pub. Co., 1967, 338 p., illus., drawings by Claude Bernard, \$8.95; paper, \$4.95. Symposium papers commemorating the centenary of the publication of AN INTRODUCTION TO THE STUDY OF EXPERIMENTAL MEDICINE. Includes also the first English translation of Bernard's CAHIER ROUGE.

DESIGNING THE FUTURE: The Role of Technological Forecasting—Robert W. Prehoda, foreword by Sir George Thomson—Chilton Bk. Co., 1967, 310 p., \$8.50. Dealing first with the art of knowing which way to direct development after breakthrough discoveries have been made, the author then examines a number of the more promising lines of advance in the physical and biological sciences and technologies.

THE DICTIONARY OF THE BIOLOGICAL SCIENCES—Peter Gray—Reinhold, 1967, 602 p., \$14.75. Conceived as the primary English-language reference source for the entire life sciences spectrum, this newly created dictionary offers 40,000 definitions, critically reviewed by authorities. Words derived from identical roots are grouped together, mutant names and gene symbols are listed, the functions of more than 1,000 enzymes are defined.

DISSECTION OF THE FROG: Laboratory Studies in Biology, 770-776—Warren F. Walker, Jr.—Freeman, 42 p., illus., paper, \$1.40. Seven loose-leaf exercises in external anatomy, muscles, digestive and respiratory systems, circulatory, urogenital, and nervous system, and sense organs (also available at 20¢ each).

DOING BUSINESS IN JAPAN—Robert J. Ballou, Ed.—Tuttle, 1967, 217 p., graphs, \$5. Deals with the psychological and socio-economic factors of Japanese business behavior and analyzes the Japanese economy of the 1960's. Statistical appendix included.

GUIDE TO THE GALAXIES



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GUIDE TO REFERENCE BOOKS—Constance M. Winchell—Am. Library Assn., 8th ed., 1967, 741 p., \$15. Completely revised, reorganized and enlarged edition, lists 7500 reference books which might be included in a large general reference collection, including many foreign language scholarly works, closing date was 1964. Overall arrangement differs radically from earlier editions, following now the subject organization of many modern libraries.

HE AND I AND THE ELEPHANTS—Bernhard Grzimek—Hill & Wang, 1967, 208 p. photographs, maps, \$5. The story of a father-and-son expedition among the wildlife of the Ivory Coast.

THE HOLLoman STORY—George F. Meeter—Univ. of New Mexico Press, 1967, 203 p., photographs, \$5.95. An eyewitness account of the space programs at Holloman Air Force Base in high-altitude and high-velocity training, gravity simulation, satellite tracking and aeromedical research with animals.

INDIVIDUALITY IN PAIN AND SUFFERING—Asenath Petrie—Univ. of Chicago Press, 1967, 153 p., illus., \$5. Reports on findings of original research concerning the human tendency to augment or reduce reactions to pain, with tentative hypothesis on the "defensive" reduction found among schizophrenic patients. See story, SN 8/19/67, p. 174.

LICENSING AND REGULATION OF NUCLEAR REACTORS: Hearings, April/May 1967, Part 1—U.S. Congress, Joint Committee on Atomic Energy—GPO, 497 p., illus., paper, \$1.75. Contains statements of witnesses, additional material submitted for the record, as well as correspondence and AEC regulatory review material.

MANY-BODY PROBLEMS and Other Selected Topics in Theoretical Physics—M. Moshinsky, T. A. Brody and G. Jacob, Eds.—Gordon & Breach, 1967, 955 p., diagrams, \$49; paper, \$31.50. Lectures delivered at the 1965 session of the Latin American School of Physics, University of Mexico. Topics range from basic many-body concepts to discussion of group SU(3) and elementary particles.

MATHEMATICAL QUICKIES—Charles W. Trigg—McGraw-Hill, 1967, 210 p., diagrams, \$7.95. This diverse collection of problems for the mathematics enthusiast stresses the method of solution, challenging the reader to devise more elegant solutions than those provided.

PERCEPTION AND COSMOLOGY IN WHITEHEAD'S PHILOSOPHY—Paul F. Schmidt—Rutgers Univ. Press, 1967, 192 p., \$9. This study, covering 16 of Whitehead's major publications, offers a perspective of the whole range of his metaphysical and scientific thinking.

THE PEREGRINE—J. A. Baker—Harper, 1967, 191 p., \$4.95. A beautifully written book, takes the reader into the wilderness world of the peregrine hawk and other birds.

SELECTED NEWSPAPERS, PERIODICALS AND RECORDS IN MICRO-FORM—Micro Photo Division, Bell & Howell, 1967, multi-paged, paper, single copies available upon request direct to publisher, 1700 Shaw Ave., Cleveland, Ohio 44112. Descriptive catalog of special collection of documents selected to assist historians, researchers and scholars in locating firsthand material from significant periods of history around the world.

SOCIAL SCIENCE & MEDICINE, Vol. I, No. 1—Peter J. M. McEwan, Ed.-in-Chief—Pergamon Press, April 1967, 126 p., illus., paper, quarterly, \$30 annually; certified private subscribers, \$10. New international journal, provides exchange of research material and opinion among behavioral scientists engaged in the medical field and concerned with exploring new ways of relating their discipline to problems of human well-being.

THE THEORY OF ISLAND BIOGEOGRAPHY—Robert H. MacArthur and Edward O.

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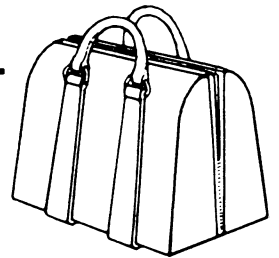
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Wilson—Princeton Univ. Press, 1967, 203 p., diagrams, \$8. The collaborative work of an ecologist and a taxonomist-zoogeographer, the book uses mathematical and graphical models to provide a theoretical framework for faunal patterns on islands.

TRAVELS AND TRADITIONS OF WATER-FOWL—H. Albert Hochbaum—Univ. of Minn. Press, 1967, 301 p., illus., paper, \$2.95. Reprint (1955), examines first the patterns of the flight of ducks and geese on their home range, then studies migration in the field, mostly in Manitoba.

ANIMAL MAGIC—Intro. by Johnny Morris and Keith Shackleton; Douglas Thomas, Ed.—Taplinger, 1967, 160 p., photographs, drawings, \$2.95. Based on the successful BBC television program of animal observations for young naturalists.

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