

books OF THE WEEK

Listing is an editorial service for readers' information. For convenient purchase of any book listed or any U.S. book in print, remit retail price (we pay postage) plus 25¢ handling charge if price is less than \$2 to Book Order Service, Science News, 1719 N St., N.W., Washington, D.C. 20036. Prices subject to publishers' changes. Be sure to include zip code in your address.

ACCESSORIES AFTER THE FACT: The Warren Commission, the Authorities and the Report—Sylvia Meagher, introd. by Leo Sauvage—Bobbs-Merrill, 1967, 477 p., \$8.50. Painstaking compendium focusing on apparent inconsistencies and omissions in the vast amount of data investigated by the Warren Commission, by the compiler of the 150-page subject index to the 26 volumes of testimony.

ANALYTICAL CHEMISTRY OF COBALT—I. V. Pyatnitskii, transl. from Russian—IPST (Davey, Daniel), 1967, 224 p., \$14. Discusses characteristics of cobalt, detection of cobalt ions, separation, gravimetric determination, and titrimetric, photometric and polarographic methods for the determination of cobalt.

THE ANDROSCOGGIN RIVER VALLEY: Gateway to the White Mountains—D. B. Wight—Tuttle, 1967, 561 p., photographs, map, \$12.75. Follows the development of a New England frontier area, its lumbering and papermaking industry and later resort towns, based on contemporary source material.

THE ART AND SCIENCE OF COLOR—Hal Hellman—McGraw-Hill, 1967, 175 p., photographs, diagrams by Mark Binn, \$5.95. Discusses the interesting world of color in its various aspects, from the rainbow to laser holograms, including many experiments.

THE BASIC DICTIONARY OF SCIENCE—E. C. Graham—Macmillan, 1967, 568 p., paper, \$2.95. Up-to-date definitions in basic English of more than 25,000 terms of modern science and technology.

BEING, BECOMING AND BEHAVIOR: The Psychological Sciences—Floyd W. Matson, Ed.—Braziller, 1967, 288 p., \$7.50. Documents the major themes and issues in the understanding of the human experience and behavior with statements from the literature of psychology.

BIOMEDICAL ASPECTS OF THE LASER: The Introduction of Laser Application into Biology and Medicine—Leon Goldman, M.D.—Springer-Verlag, N.Y., 1967, 232 p., photographs, \$11.40. Reviews studies and future plans of the Laser Laboratory in Cincinnati and some contributions of laser research groups in other medical centers.

THE BIRDS: Young Readers Edition—Roger Tory Peterson and Editors of Time-Life Books—Time Inc., 1967, 128 p., photographs, drawings, \$3.95. Informative reading for boys and girls, enhanced by striking illustrations of bird anatomy and behavior.

CELL WALL MECHANICS OF TRACHEIDS—Richard E. Mark—Yale Univ. Press, 1967, 310 p., illus., \$10. A pioneering work on biomechanics at the cellular level, arrives at mathematical solution for stress in cell walls at the subfibrillar level. Of importance to pulp and paper, textile, and wood and fiber technology.

THE CHANGELESS ORDER: The Physics of Space, Time and Motion—Arnold Koslow, Ed.—Braziller, 1967, 328 p., diagrams, \$7.50. A book of important writings on physical theory from antiquity to the present, with introductions.

COURTSHIP: An Ethological Study—Margaret Bastock—Aldine Pub. Co., 1967, 220 p., illus., \$6. A concise study of courtship behavior in fish, birds and arthropods, examining the evolutionary origins and mechanisms of courtship and its contribution to biological success.

THE DANCE LANGUAGE AND ORIENTATION OF BEES—Karl von Frisch, transl. by Leigh E. Chadwick—Harvard Univ. Press, 1967, 566 p., illus., \$15. Describes in detail what the author and his collaborators discovered in experiments conducted to investigate the round dance and the tailwagging dance of communication, variants of the language, orientation on long-distance and on near flights.

FREE BOOK!

"Dover Science Sampler." 64-page book, with entertaining instructive selections from Mach, Galileo, Newton, Poincare, Hubble, Steinman, etc. Island universes, fata morgana, genetics, phase rule, etc. Entirely free, no strings attached. No obligation, no salesmen will call. Supply limited. Write now. Dept. SNL, Dover, 180 Varick St., N.Y., N.Y. 10014

THE ENCYCLOPEDIA OF ATMOSPHERIC SCIENCES AND ASTROGEOLOGY—Rhodes W. Fairbridge, Ed.—Reinhold, 1967, 1200 p., illus., \$35. Single-volume compendium treating air and outer space from the professional point of view of the earth scientist. Entries range from "aberration of starlight" to "zone in climatology," handled on three distinct levels: introductory surveys, review articles, and short articles giving definitions, formulas, facts and figures.

ESKIMOS OF THE NUSHAGAK RIVER: An Ethnographic History—James W. VanStone—Univ. of Wash. Press, 1967, 192 p., maps, \$6.95. Interprets historical changes of the Nushagak Eskimo culture through a synthesis of field work and primary written sources.

FORMOSA, CHINA AND THE UNITED NATIONS: Formosa in the World Community—Lung-Chu Chen and Harold D. Lasswell—St. Martin's, 1967, 428 p., \$8.95. A policy-oriented study, examines policy alternatives open to American policy makers and member states of the U.N. Study concludes that a "one China, one Formosa" solution might be best for Communist China's participation in the U.N.

HANDS THAT HELP: Careers for Medical Workers—Bertha S. Dodge—Little, Brown, 1967, 247 p., illus. by Jane Clark Brown, \$4.75. Deals with the paramedical profession, the X-ray technologists, therapists and biochemical engineers.

THE INSECTS—Uri Lanham—Columbia Univ. Press, 1967, 292 p., illus., paper, \$2.95. Reprint (1964), for student and general reader.

MANUFACTURING PROBLEMS IN INDIA: The Cummins Diesel Experience—Jack Baranson—Syracuse Univ. Press, 1967, 146 p., \$5.95. Analyzes the problems of technological transmittal to underdeveloped countries, using as case study the experiences gained in establishing and operating a diesel assembly plant in Poona, India.

MARITAL TENSIONS: Clinical Studies towards a Psychological Theory of Interaction—Henry V. Dicks—Basic Bks., 1967, 354 p., \$10. Addressed to the professions concerned with mental health, the book is based on 16 years of research and clinical experience in the diagnosis and treatment of the disorders of marriage.

MATHEMATICS AND COMPUTERS IN SOVIET ECONOMIC PLANNING—John P. Hardt and others, Eds.—Yale Univ. Press, 1967, 298 p., \$7.50. American economists describe the role of input-output analysis, linear programming and optimizing models in actual Soviet planning.

NERVE CELLS AND INSECT BEHAVIOR—Kenneth D. Roeder—Harvard Univ. Press, 1967, rev. ed., 238 p., illus., \$5.50. Revised edition includes analysis of behavior of moths when they hear the cries of bats, and the tracking of nerve signals from ear to central nervous system.

PERSONALITY-SHAPING THROUGH POSITIVE DISINTEGRATION—Kazimierz Dabrowski, introd. by O. Hobart Mowrer—Little, Brown, 1967, 270 p., \$11.50. Viewing the process of personality development as a difficult achievement, Dabrowski's theory regards physical breakdown as essential to personality buildup, and illustrates the process by tracing the personality development of five historical figures.

POLITICS AND SOCIAL SCIENCE—W. J. M. Mackenzie—Penguin Bks., 424 p., paper, \$1.95. In an effort to interpret political science to the social scientist, and social science to the student of politics, the book deals with traditional and contemporary theories, politics without states, and men and their states.

PROGRESS IN POLYMER SCIENCE, Vol. 1—A. D. Jenkins, Ed.—Pergamon Press, 1967, 200 p., diagrams, \$10. Review articles on viscosities of dilute polymer solutions, photodegradation of high polymers, and recent developments in the polymerization of conjugated dienes.

THE PSYCHOLOGY OF CHILDREN'S ART—Rhoda Kellogg with Scott O'Dell—CRM (Random House), 1967, 112 p., 250 illus. in color, \$10; until 1/31/68, \$7.95. Based on 20 years experience with pre-school children, the book arranges in groups, analyzes and compares the uninhibited efforts of young children with crayons and paint.

SIMPLE MODELS OF GROUP BEHAVIOR—Otomar J. Bartos—Columbia Univ. Press, 1967, 345 p., \$8. Brings together some of the most promising attempts in the field of mathematical social theory, together with the mathematics needed to understand them.

WRITERS

N. Y. publisher wants books on all subjects, fiction, nonfiction. No fee for professional opinion. FREE: Brochures that show how your book can be published, publicized, sold; contracts. Write Dept. 72-L

EXPOSITION PRESS INC.
386 Park Ave. So., New York, N. Y. 10016

THE SOCIAL MEANINGS OF SUICIDE—Jack D. Douglas—Princeton Univ. Press, 1967, 398 p., \$8.50. Outlines and analyzes Post-Durkheimian sociological theories of suicide, discusses the nature and use of official statistics on suicide and presents the author's approach to the study of suicidal actions as socially meaningful behavior.

STEEL: From the Iron Age to the Space Age—Douglas Alan Fisher—Harper, 1967, 200 p., photographs, drawings, \$4.95. The story of steel making, for the young reader.

THE STORY OF GEMS AND Semiprecious Stones—Frederick H. Pough—Harvey House, 1967, 142 p., photographs, illus. by James Barry, \$3.95. Concise, informative discussion of gemmology for young and old.

STRATEGY OF THERAPY: Toward the Engineering of Social Growth—George T. Tate—Springer Pub. Co. N.Y., 1967, 180 p., \$5.50. Concerned with patients' problems in social terms, and with the design of therapeutic programs for specific psychological conditions.

STREAMFLOW SYNTHESIS—Myron B. Fiering—Harvard Univ. Press, 1967, 139 p., diagrams, \$6. A summary of techniques for generating synthetic hydrologic records for use in water resource systems.

TO THE PACIFIC WITH LEWIS AND CLARK—Ralph K. Andrist—Am. Heritage Pub. Co. (Harper), 153 p., illus., maps, \$4.95. Handsomely illustrated narrative of the historic exploratory journey.

TOO SHORT A DAY: A Woman Vet in Africa—Susanne Hart—Taplinger, 1967, 192 p., photographs, \$4.50. An intimate view of African wildlife and the problems of conservation.

URBAN DEVELOPMENT: Its Implications for Social Welfare—Ellen Winston and others, foreword by Eugen Pusic—Columbia Univ. Press, 1967, 465 p., \$8.50. Proceedings of the XIIIth International Conference of Social Work, 1966, discussing trends, needs and problems in urban societies.

VIEWING WEATHER FROM SPACE—E. C. Barrett—Praeger, 1967, 140 p., illus., \$6. A study of weather, illustrating the usefulness of satellites in observation and weather forecasting, including a discussion of the earth's surface as seen from space.

YEARBOOK OF ASTRONOMY 1968—Patrick Moore, Ed.—Norton, 1967, 226 p., illus., \$4.95. For the amateur astronomer, describes events of 1968, and includes articles on international astronomy.

TEXTBOOKS

THE CHEMISTRY OF THE OH GROUP—Lealyn B. Clapp—Prentice-Hall, 1967, 108 p., illus., \$5.95; paper, \$2.95. In-depth treatment of one functional group, for the advanced high school student.

ELECTRIC CIRCUIT PROBLEMS WITH SOLUTIONS—F. A. Benson—Spon Ltd. (Barnes & Noble), 1967, 257 p., diagrams, \$9; paper, \$4.95. Problems for electrical and electronic engineering students covering D.C. circuits, single-phase A.C. circuits, polyphase circuits, non-sinusoidal waves, and transformers.

THE PROTOZOA—Keith Vickerman and Francis E. G. Cox—Houghton, 1967, 58 p., illus., paper, \$2.40. Short text complemented by diagrams and micrographs, deals with protozoa as both organisms and cells.

How to Argue and Win!



Here is a clear simply written basic guide to logical thinking, showing how to spot the fallacies, the prejudices and emotionalism, the inappropriate analogies, etc., in the other fellow's argument and how to watch for and avoid the irrational in your own judgments. The author makes plain not only how but also why people resist facing the truth.

A tool for clear thinking as well as for convincing others. **ORDER NOW: THE ART OF ARGUMENT** By Giles St. Aubyn \$3.95 Postfree 10-Day Money-Back Guarantee EMERSON BOOKS, Inc., Dept. 507-R 251 West 19 Street, New York, N.Y. 10011