

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 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.

THE LIVES OF WASPS AND BEES—Christopher Andrewes—Am. Elsevier Pub. Co., 1970, 204 p., plates, drawings, \$5.75. Tells of the habits and lives of many different wasps and bees, from solitary predators to semisocial, to the fully social common wasp and honey bee.

MEN, MONEY AND MEDICINE—Eli Ginzberg with Miriam Ostow—Columbia Univ. Press, 1970, 291 p., \$8.50. A systematic appraisal of the changing structure of health services in the United States during the past 25 years, with emphasis on the period following the introduction of Medicare.

THE MILLION-DOLLAR BUGS—Michael Pearson—Putnam, 1969, 291 p., \$6.95. Story of the wonder drugs and their impact on the drug business, it brings to life the headline-making Kefauver investigation of three major drug firms and the stakes involved.

THE MYSTERY OF ANIMAL MIGRATION—Matthieu Ricard, transl. from French by Peter J. Whitehead—Hill & Wang, 1969, 209 p., photographs, diagrams, \$5.95. Reports scientific findings exploring the causes and patterns of migrating birds, whales, reindeer, salmon, eels, locusts and butterflies.

OCCUPATIONAL AND ENVIRONMENTAL CANCERS OF THE URINARY SYSTEM—W. C. Hueper—Yale Univ. Press, 1969, 465 p., illus., map, \$20. Brings together information on the chemical, physical and parasitic agents of the human environments that induce cancers of the kidney, ureter and bladder.

OCEANS FROM SPACE—Peter C. Badgley, Leatha Miloy and Leo Childs, Eds.—Gulf Pub. Co., 1969, 234 p., color plates, photographs, diagrams, maps, \$13.95. Proceedings of a Symposium on the Status of Knowledge, Critical Research Needs and Potential Research Facilities Relating to the Study of the Oceans from Space, sponsored jointly by ASO, GURC and NASA.

OIL ON THE SEA—David P. Hoult, Ed.—Plenum Press, 1969, 114 p., color plates, photographs, diagrams, \$8.75. Links the various disciplines concerned with the problem of oil pollution of the sea. Includes description of Santa Barbara disaster and latest developments in oil cleanup.

OPPORTUNITIES IN OCEANOGRAPHIC CAREERS—Odom Fanning—Vocational Guidance Manuals (Universal Publishing), 1969, 144 p., \$3.75; paper, \$1.95. About specialties, opportunities and experiences in oceanography, specific advice on curriculum choice for undergraduate and postgraduate studies, and description of courses available at some 100 universities.

PION-NUCLEON SCATTERING—Robert J. Cence—Princeton Univ. Press, 1970, 138 p., diagrams, \$6.50. Reports the results of a decade of experimental studies of pion-nucleon scattering at high energies.

POPULATION GROWTH AND THE BRAIN DRAIN—F. Bechhofer, Ed.—Edinburgh Univ. Press (Aldine Pub. Co.), 1969, 236 p., \$7.95. Revised and edited seminar papers by international authorities on fertility and death rates, the structure of migration, the brain drain, and techniques and methods of study.

POVERTY AND DISCRIMINATION—Lester C. Thurow—Brookings Institution, 1969, 214 p., diagrams, \$6.75. Study attempts to define poverty and discrimination as problems of distribution of income, it examines the various aspects of these problems, and, employing econometric techniques, focuses on essential conditions for eliminating poverty and discrimination.

PROJECT APOLLO: The Way to the Moon—P. J. Booker, G. C. Frewer and G. K. C. Pardoe—Am. Elsevier Pub. Co., 1970, 212 p., plates, diagrams, \$5.50. An account by three British engineers, each with a different kind of involvement in the technical achievement of the program.

PUT AWAY: A Sociological Study of Institutions for the Mentally Retarded—Pauline Morris, foreword by Peter Townsend—Atherton Press, 1969, 388 p., \$10.75. Reports findings of an investigation of the range and quality of institutional provisions in nearly half the hospitals for the sub-normal in England and Wales.

RACE AND SCIENCE: The Race Question in Modern Science—UNESCO—Columbia Univ. Press, 1970, 506 p., paper, \$2.95. Brings together 11 monographs by natural and social scientists attempting to define the concept of race and state present scientific knowledge on race differences and racial prejudices.

RACE AND THE SOCIAL SCIENCES—Irwin Katz and Patricia Gurin, Eds.—Basic Bks., 1969, 387 p., \$8.95. An interdisciplinary effort to define the seminal research issues in American race relations today, concerned less with recommendations than with formulating research goals to generate basic scientific understanding.

RESOURCES AND MAN: A Study and Recommendations—Committee on Resources and Man, NAS-NRC; Preston Cloud, Chmn.—Freeman, 1969, 259 p., diagrams, \$5.95; paper, \$2.95. Examination and official report on demographic trends and resource management, offers 26 specific recommendations.

SOLAR-TERRESTRIAL PHYSICS: Terrestrial Aspects (Proceedings of Joint IQSY/COSPAR Symposium, London 1967, Part II)—A. C. Stickland, Ed.—M.I.T. Press, 1969, 460 p., illus., \$22.50. Covers upper atmospheric layers, ionospheric measurements, the earth's atmosphere, and geomagnetism.

TERMINATION: The Closing at Baker Plant—Alfred Slote, foreword by Sidney Cobb, M.D.—Bobbs Merrill, 1969, 340 p., \$7.50. A study of the effects on the mental and physical health of employees when a factory closes up and moves away.

TOPICS IN OCEAN ENGINEERING—Charles I. Bretschneider, Ed.—Gulf Pub. Co., 1969, 420 p., photographs, diagrams, \$16.95. Based on a series of seminars covering the state of the art in the categories of port and coastal engineering, offshore and continental shelf, and deep ocean engineering.

THE ULTIMATE FOLLY: War by Pes-

tilence, Asphyxiation and Defoliation—Richard D. McCarthy—Knopf, 1969, 187 p., \$5.95. About the nature of the chemical and biological warfare practices and policies adopted during the last decade, with notes on documents and reports, by concerned Congressman.

WHY MEN REBEL—Ted Robert Gurr—Princeton Univ. Press, 1970, 421 p., diagrams, \$12.50. Scholarly inquiry into the psychological source of violence and the usefulness and justifiability of violence; examines the socioeconomic and political conditions that produce widespread discontent, the role of ideology, and the uses and misuses of force.

WIZARD OF THE DOME: R. Buckminster Fuller, Designer for the Future—Sidney Rosen—Little, Brown, 1969, 189 p., photographs, \$4.95. The dramatic success story of the inventor of the geodesic dome construction, Dymaxian houses and cars.

TEXTBOOKS

THE ANALYSIS OF LAMINATED COMPOSITE STRUCTURES—Lee R. Calcote—Van Nostrand Reinhold, 1969, 222 p., diagrams, \$12. Directed toward the structural analyst rather than the designer, the book is a primer for the analysis of structural elements in the form of laminated composite plates and shells.

CLASSICAL DESCRIPTIONS OF MOTION: The Dynamics of Particle Trajectories, Rigid Rotations and Elastic Waves—Emil Jan Konopinski—Freeman, 1969, 504 p., diagrams, \$15. Designed for senior level and first-year graduate courses, comprehensive as to fundamentals, with applications chosen for their special pertinence to modern developments.

GYROSCOPIC THEORY, DESIGN AND INSTRUMENTATION—Walter Wrigley, Walter M. Hollister and William G. Denhard—MIT Press, 1969, 444 p., illus., \$21. Presents material evolved by the faculty, research staff and students associated with the Instrumentation Laboratory and Department of Aeronautics and Astronautics at MIT.

PHYSICS OF THE EARTH—Frank D. Stacey—Wiley, 1969, 324 p., photographs, diagrams, \$11.95. Text designed to bring the fundamental problems of solid-earth geophysics to the attention of graduate and advanced undergraduate students of physics.

THE PHYSIOLOGICAL ASPECTS OF PHOTOSYNTHESIS—O. V. S. Heath—Stanford Univ. Press, 1969, 310 p., diagrams, \$8.50. Intended for advanced undergraduate and postgraduate research students, summarizes research findings, in particular on work carried out with higher plants.

PRACTICE AND THEORY OF PROBATION AND PAROLE—David Dressler—Columbia Univ. Press, 1969, 2nd ed., 347 p., \$10. Completely revised text to incorporate developments in correctional thought and procedure since 1959 when the first edition appeared.

QUANTITATIVE ANALYTICAL CHEMISTRY, Vol. I: Introduction to Principles. Vol. II: Short Introduction to Practice—H. A. Flaschka, A. J. Barnard, Jr., and P. E. Sturrock—Barnes & Noble, 1969, 594 p., 290 p., illus., paper, \$5.95, \$2.95. Inexpensive introductory textbook and laboratory manual.