

Books of the Week

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AVALANCHE DOG—B. Bartos-Hoppner, transl. from German by Anthea Bell—Walck, H. Z., 159 p., \$3.50. Story about a German Shepherd dog's training for alpine rescue operations.

BASIC TABLES IN CHEMISTRY—Roy A. Keller, Ed.—McGraw, 402 p., paper, \$4.95. Useful tables for the student of chemistry roughly divided into common subject areas such as general mathematical information, chemical nomenclature, and thermal and electrochemical data.

BILE SALTS—G. A. D. Haslewood—Methuen (Barnes & Noble), 116 p., illus., \$5. Monograph provides authoritative survey of functions, chemistry, analysis, biosynthesis and other aspects of bile salts with much experimental data. Includes tabulated appendix on bile salts in different animal forms.

BLACK MARKET MEDICINE—Margaret Kreig—Prentice-Hall, 304 p., photographs, \$5.95. A reporter's story about deals with counterfeit drugs in the black and gray markets, among profiteering professionals, and on the international scene.

CHROMATOGRAPHIC METHODS—R. Stock and C. B. Rice—Chapman & Hall (Barnes & Noble), 2nd ed., 256 p., illus., \$7.50; paper, \$4. New edition incorporates advances in thin-layer chromatography, ion exchange and molecular-sieve chromatography.

THE ENCYCLOPEDIA OF BIOCHEMISTRY—Roger J. Williams and Edwin M. Lansford, Jr., Eds.—Reinhold, 878 p., photographs, diagrams, \$25. Presents more than 800 articles written for both specialists and non-specialists, with topics ranging from Absorption (of substances into cells) to Zymogens (proteolytic enzymes).

ENGINEERING PROPERTIES OF SELECTED CERAMIC MATERIALS—Compiled and edited by J. F. Lynch, C. G. Ruderer and W. H. Duckworth—Am. Ceramic Society, multipaged, charts, distributed by publisher, 4055 North High Street, Columbus, Ohio 43214. Databook published as a service to scientists, engineers and designers, supersedes 1964 handbook entitled REFRACTORY CERAMICS FOR AEROSPACE.

A GEOLOGISTS VIEW OF CAPE COD—Arthur N. Strahler—Natural Hist. Press, 115 p., illus., paper, \$1.95. The story of how Cape Cod was formed, and what the waves, tides and winds have done to it.

THE HANDBOOK OF PRESCRIPTION DRUGS: Official Names, Prices and Sources for Patient and Doctor—Richard Burack, M.D.—Pantheon Bks., 181 p., paper, \$1.95. Contains lists of drug recalls and prescription drug list. As story in SN 4/22/67, p. 382, indicated however, there is more to drug substitution than simple chemical equivalency.

THE HISTORY AND GEOGRAPHY OF DISEASES—Folke Henschen, transl. from Swedish by Joan Tate—Delacorte Press, 344 p., illus., maps, \$10. A modern scientific work on geographical pathology, investigates the origins, geographical distribution and movement of infectious diseases, of non-infectious diseases and of diseases of organs.

LIGHT AS AN ECOLOGICAL FACTOR: A Symposium of the British Ecological Society, 1965—Richard Bainbridge, G. Clifford Evans and Oliver Rackham, Eds.—Wiley, 452 p., plates, diagrams, \$13.50. Subjects covered include the light climate in general, micrometeorology and methods of measuring light climate in the open, in woodlands and forests, opacity and scattering in the ocean, and visual pigments.

MIND: An Essay on Human Feeling, Vol. I—Susanne K. Langer—Johns Hopkins Press, 487 p., illus., \$10. A scholarly inquiry into the complex concept of feeling, reaching from bio-

chemical processes to the emergence and individuation of mind in man.

MUTATIONS IN PLANT BREEDING: Proceedings of a Panel on Coordination of Research on the Production and Use of Induced Mutations in Plant Breeding, Vienna, 1966—M. Fried, Dir.—IAEA (Internat'l Pubns., N.Y.), 271 p., illus., paper, \$6. Papers on methods, genetics and nature of induced mutations, their use in plant breeding, induced translocations, and recommendations for research.

THE MYSTERIOUS FLEXAGONS: An Introduction to a Fascinating New Concept in Paper Folding—Madeline Jones—Crown Pubs., 48 p., illus. by Judith and Howard Yarme, \$1.95. Easy directions for constructing four-sided and six-sided folded paper figures.

THE NEW GROSSET ROAD ATLAS of the United States, Canada and Mexico—Grosset & Dunlap, 145 p., illus., maps, paper, \$1.95. Easy-to-read maps, including 180 city maps, mileage chart, list of events and scenic sites, index to more than 28,000 towns.

POWER-GENERATION SYSTEMS: Energy Systems Engineering—Editors of POWER—McGraw-Hill, 396 p., illus., diagrams, \$15. Collection of special reports covering energy, steam generation, gas turbines, air pollution, computer control and other aspects of power generation today.

PRINCIPLES OF GROUP TREATMENT—Eric Berne—Oxford Univ. Press, 379 p., \$6.50. A systematic treatise on the use of transactional analysis in groups, based on 20 years' experience in teaching transactional group treatment and on clinical experience in a variety of institutions.

PROCESS-CONTROL SYSTEMS: Application, Design, Adjustment—F. G. Shinsky—McGraw-Hill, 367 p., diagrams, \$16.50. Covers the automatic control of physical and chemical processes commonly encountered in the chemical, petroleum, power and food industries.

PROGRAMED INSTRUCTION: The Sixty-Sixth Yearbook of the National Society for the Study of Education, Part II—Phil C. Lange, Ed.—NSSE (Univ. of Chicago Press), 334 p., diagrams, \$5. Deals with fundamental instructional programming, program development, and the administrative and practical problems of programed instruction in schools.

PSYCHIATRY AND THE DILEMMAS OF CRIME: A study of Causes, Punishment and Treatment—Seymour L. Halleck, M.D., foreword by Karl Menninger—Hoeber/Harper, 382 p., \$10.95. An analysis of the role of psychiatric criminology and of the nature of criminal behavior. Recommends ways to turn criminology from preoccupation with revenge toward effective and rational practices.

SOME PROBLEMS OF GEODYNAMICS—A. E. H. Love—Dover, 180 p., paper, \$2.25. Essay to which the Adams Prize in the University of Cambridge was adjudged in 1911.

TECHNOLOGY IN WESTERN CIVILIZATION, Vol. I: The Emergence of Modern Industrial Society, Earliest Times to 1900—Melvin Kranzberg and Carroll W. Pursell, Jr.—Oxford Univ. Press, 802 p., illus., \$8.50. This is the first of a two-volume textbook dealing with technology as one of the major determinants in the development of Western civilization.

WAVES, TIDES AND CURRENTS—Elizabeth Clemons—Knopf, 112 p., photographs, diagrams, maps, \$3.75. Introduces boys and girls to some of the causes and effects of waves, tides and currents.

WILD SEASON—Allan W. Eckert—Little, Brown, 244 p., illus. by Karl E. Karalus, \$4.95. Naturalist observes the changing balance of nature during 21 days in May at a lake near the Illinois-Wisconsin border.

Films of The Week

Listing for readers' information of new 16mm and 8mm films on science, engineering, medicine and agriculture for professional, student and general audiences. For further information on purchase, rental or free loan, write to distributor.

WITH EACH BREATH. 16mm, color, sound 28½ min. Film argues that because of the fuel that must be burned to produce power to provide the necessities and luxuries of life, air pollution is costing this country 11 billion dollars plus the shortening of the lives of individuals. Documents various kinds of poisons existing in the air of any large city. Audience: junior, senior high, adult. Free loan from New York State Air Pollution Control Board, 84 Holland Ave., Albany, N.Y. 12208.

INSECTS: A FIRST FILM. 16mm, color, sound, 11 min. Provides an introduction to insects, presenting in simple terms the characteristics that distinguish insects from other animals. Uses familiar, common insects as examples, with many extreme close-ups. Audience: primary. Purchase \$120 from Film Associates, 11559 Santa Monica Blvd., Los Angeles, Calif. 90025.

HANDLING OF ESOPHAGEAL CARCINOMA—K-1264. 16mm, b&w, sound, TV film recording, 21 min. Statistical evidence concerning surgery and postoperative care of patients affected with cancer of the esophagus. Discussion includes data collected over several years and gives detailed information concerning risks involved. Audience: professional biomedical personnel. Free loan from Public Health Audio-visual Facility, Atlanta, Ga. 30333.

MAN ALIVE. 16mm, b&w, sound, 25 min. History of the UN's health work from the first sanitary conference held in 1851 to the present activities undertaken by the World Health Organization. Shows health problems of world, and what WHO is accomplishing in fields such as public health, research, education, child and maternal care and malaria prevention. Audience: general. Purchase \$65 or rental \$5 from Contemporary Films, 267 W 25th St., New York, N.Y., 10001.

S O S GALAPAGOS. 16mm, color, sound, 17 min. Climate, vegetation, and animal life of the 13 islands of the Galapagos Archipelago are depicted. Shows huge turtles, amphibious iguanas, pink crabs, sea lions, and the albatross. Seen are measures taken by the Charles Darwin Foundation, Ecuadorian authorities, and UNESCO to preserve this unique biological community. Audience: general. Purchase \$150 or rental \$10 from Contemporary Films, 267 W 25th St., New York, N.Y. 10001.

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