

films OF THE WEEK

Listing is 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.

LUPUS ERYTHEMATOSUS. 16mm, color, sound, 21 min. Lupus erythematosus, which was long considered as a dermatological disease, is in fact a generalized disease with diverse clinical manifestations. Its identifications by means of Hargrave's cell has shown that rheumatic features are the commonest and that visceral lesions, particularly of the kidney, are the most serious. Lupus erythematosus is the most perfect example of an autoimmune disease. Audience: medical. Loan for \$5 handling fee from Society for French American Cultural Services and Educational Aid, 972 5th Ave. New York, N. Y. 10021.

MOUNTAINS: A FIRST FILM. 16mm, color, sound, 9 min. Mountains are ideal for observing the relationships between altitude, climate and life forms. This introductory film shows the great variety that exists as we ascend from desert at the mountain base through forests and meadows to the tops of very high mountains covered with everlasting snow and ice. The film also introduces the basic causes and effects of erosion, and shows how mountain snows and streams help provide our water supply. Audience: primary. Purchase \$125 from Bailey-Film Associates, 11559 Santa Monica Blvd., Los Angeles, Calif. 90025.

OCEANOGRAPHER IN THE POLAR REGIONS. 16mm, color, sound, 29 min. Tells about scientific exploration of the forbidding polar regions. Explains how Navy scientist/oceanographers study the ice, the surface atmosphere and the polar seas to gain understanding and mastery of these hostile areas. Shows the great cliffs of glittering ice towering hundreds of feet above the frigid seas, glacial rivers whose masses of ice creep across the land, howling gales whose bitter winds drop temperatures to record depths, and marine life, seals, killer whales, plankton, that thrive in the environment. Audience: general. Free loan from Public Affairs Offices of all Naval Districts.

"OLD ENOUGH BUT NOT READY" (EARLY RECOGNITION OF LEARNING DISABILITIES). 16mm, b&w, sound, 28 min. Looks at the efforts of the Learning Center of The Montreal Children's Hospital to detect kindergarten and preschool children who may have learning disabilities. Some children are not ready for school, even at the age of six. They are "unhatched." Most of the time, these children (with learning disabilities) are not distinguished from their peers until a poor scholastic record indicates that something is wrong. By this time, the basic problems have been complicated by various emotional problems brought about by the child's lack of achievement at school. If the problem of learning disabilities had been detected early enough, subsequent poor achievement could have been alleviated or even avoided with special training. Audience: psychology, medical, educational, general adult. Purchase \$195 or rental \$15 from Contemporary Films/McGraw-Hill Films, 330 W. 42nd St., New York, N. Y. 10036.

march 7, 1970

books OF THE WEEK

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THE RIGHT TO TREATMENT: A Symposium—Introd. by David L. Bazelon; Donald S. Burris, Ed.—Springer Pub. Co., 1969, 229 p., paper, \$3.75. Papers discuss court cases concerning the right to adequate treatment for patients committed to mental hospitals, the responsibility of courts, a practicing lawyer's view, the juvenile process, and the XYY chromosome defense.

SYPHILIS AND OTHER VENEREAL DISEASES—William J. Brown and others—Harvard Univ. Press, 1970, 241 p., graphs, \$6. Reviews the history and examines the important advances made in the understanding, prevention, control and cure of venereal infections, includes analysis of recent statistics and survey findings.

THE TALENTED STUDENT: A Validation of the Creativity-Intelligence Distinction—Michael A. Wallach and Cliff W. Wing, Jr.—Holt, 1969, 142 p., paper, \$3.95. Report on an investigation of talented accomplishments outside the classroom during the high school years and what they seem to imply about cognitive processes. Study finds no correlation between intelligence and level or quality of attainment in extracurricular involvement.

THINKING PHILOSOPHICALLY: An Introduction for Students—Frederick Vivian—Basic Bks., 1969, 183 p., \$5.95. Discusses clearly, with many illustrations, the ways of philosophical reasoning.

TOXIC PROPERTIES OF INORGANIC FLUORINE COMPOUNDS—R. Y. Eagers—Am. Elsevier Pub. Co., 1970, 152 p., \$8. Monograph surveys all forms of poisoning by fluoride, both acute and chronic, its effect on humans, animals, insects and plants.

THE VENUS ATMOSPHERE—R. Jastrow and S. I. Rasool, Eds.—Gordon and Breach, 1970, 604 p., diagrams, \$38. Papers from Second Arizona Conference on Planetary Atmospheres, Journal of the Atmospheric Sciences, Mariner 5 reports published in Science, and selected post-Conference reports.

WHO SHALL LIVE? Man's Control over Birth and Death—Henty J. Cadbury and others, Julia and Harry Abrahamson, Eds.—Hill and Wang, 1970, 144 p., \$3.95; paper, \$1.75. A report prepared for the American Friends Service Committee, it expresses the consensus of a Working Party consisting of specialists in genetics, demography and reproduction, and Quaker scholars.

TEXTBOOKS

CHEMISTRY: Principles and Experiments—J. A. Page, E. A. Robinson and M. E. Brereton—Holt, 1969, 310 p., illus., paper, spiral-bound, \$4.95. Enlarged Manual, originally designed for use in first year honors program at the University of Toronto, includes such experiments as

molecular models, emission spectra of hydrogen and sodium, and ionization energies.

THE ELEMENTS AND STRUCTURE OF THE PHYSICAL SCIENCES—J. A. Ripley, Jr. and R. C. Whitten—Wiley, 1969, 2nd ed., 609 p., illus., \$11.50. Addressed to the nonscience major, the text presents principal concepts and theories of physical science, covering both their logical structure and the empirical evidence validating the structure.

ESSENTIALS OF GENERAL, ORGANIC AND BIOCHEMISTRY—Joseph I. Routh, Darrell P. Eyman and Donald J. Burton—Saunders, 1969, 718 p., illus., \$9.95. Introductory textbook, offers balance between brief historical development, the essential descriptive material and the mechanisms of chemical reactions in general, organic and biological chemistry.

GASES, LIQUIDS AND SOLIDS—D. Tabor—Penguin Bks., 1969, 290 p., diagrams, paper, \$2.95. Undergraduate text, explains many of the bulk properties in terms of intermolecular forces.

THE HORMONES: Endocrine Physiology—Clark T. Sawin, foreword by E. B. Astwood—Little, Brown, 1969, 308 p., photographs, diagrams, \$8.50. Concise textbook, offers a systematic review of the field for students in the medical and biological sciences as well as the clinician.

INTEGRAL EQUATION METHODS—C. D. Green—Barnes & Noble, 1970, 243 p., \$15. Provides a coherent introduction to the application of integral operators and equations in engineering and science.

AN INTRODUCTION TO THE PRINCIPLES OF PLANT PHYSIOLOGY—1969, 482 p., diagrams, \$15. Contains the Walter Stiles and E. C. Cocking—Barnes & Noble, 1969, 3rd ed., 633 p., plates, diagrams, \$27.50. Updated text of this integrated approach to the principles of plant physiology offers a balanced account of all the major aspects of plant physiology.

INTRODUCTORY ANALYSIS, Vol. 1—D. S. Jones and D. W. Jordan—Wiley, 1969, 482 p., diagrams, \$15. Contains the elements of plane coordinate geometry, the theory of limits, sequences and series, and elementary integration; stresses those mathematical ideas most central in scientific applications.

INTRODUCTORY PHYSICS: A Model Approach—Robert Karplus—Benjamin, 1969, 498 p., illus., \$10.95. Written primarily for one- or two-semester courses, text uses a minimum of mathematics while focusing on the way scientists continually invent, test, refine or discard models in the search for fuller understanding of physical phenomena.

PHYSICS OF SEMICONDUCTOR DEVICES—S. M. Sze—Wiley-Interscience, 1969, 812 p., diagrams, \$19.95. Intended as a text for first-year graduate students in electrical engineering or applied physics and as a reference for scientists actively involved in solid-state device research and development.

WEATHER AND LIFE: An Introduction to Biometeorology—William P. Lowry—Academic Press, 1969, 305 p., diagrams, \$5.95. Material for one-term course, deals with the environmental factors of radiation, temperature, moisture and wind: the concept of the energy-budget in relation to particular systems; and the urban climate.

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