

films OF THE WEEK

THATCHING. 16mm, color, sound, 10 min. Details a process important to house-building in England and the early New England colonies. Using authentic tools and techniques, a work at the Plimoth Plantation in Massachusetts thatches the roof of a newly constructed cottage. Narration explains the process of thatching and gives a brief account of its history, dating back to the 12th century. Audience: general. Purchase \$185 or rental \$10 from International Film Bureau, Dept. SN, 332 S. Michigan Ave., Chicago, Ill. 60604.

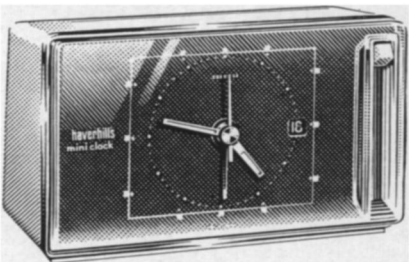
Circle No. 121 on Reader Service Card

L.A. TOO MUCH. 16mm, color, sound, 12 min. Implicit in the film are profound questions about the impact of change on life styles and the quality of the environment as well as about the probable shape of a dehumanized future. Presentation is through a filmic look at the long life and violent death of a handsome Victorian house. Shows montage of scenes recalling the life that filled the house, and in contrast, shots of cranes and bulldozers battering the house to rubble and clearing the ground. These are followed by glimpses of impersonal, characterless modern buildings that make it clear what sort of environment will replace the beauty and serenity of the old house. Audience: general. Purchase \$150 or rental \$11 from University of California, Extension Media Center, Dept. SN, Berkeley, Calif. 94720.

Circle No. 122 on Reader Service Card

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 or circle the appropriate number on the Reader Service Card.

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books OF THE WEEK

ABDOMINAL TRAUMA—Meyer O. Cantor, M.D.—Thomas, C. C., 1970, 212 p., \$9.50. Concise reference, reviews abdominal injuries and outlines diagnosis and treatment.

ALCOHOLS AND DERIVATIVES, Vols. I and II—J. Tremolieres, Ed.—Pergamon Press, 1970, 560 p., diagrams, \$24. On the physicochemical properties of alcohols, the biochemistry of ethanol, the effects of ethanol on general metabolism, acute and chronic toxicity, human pharmacology and therapeutics.

COLLECTED WORKS OF COUNT RUMFORD, Vol. III: Devices and Techniques—Sanborn C. Brown, Ed.—Harvard Univ. Press, 1970, 504 p., illus., \$10. Describes in the 18th century inventor's clear explicit style applications of his theory of heat, such as fireplaces, kitchen utensils, boilers and furnaces.

THE EARTH'S CRUST AND UPPER MANTLE: Structure, Dynamic Processes and Their Relation to Deep-Seated Geological Phenomena—Pembroke J. Hart, Ed.—Am. Geophysical Union, 1970, 735 p., illus., paper, \$5. Excellent reference, Geophysical Monograph No. 13 (1969), now available in paperback.

FAT-SOLUBLE VITAMINS—R. A. Morton—Pergamon Press, 1970, 530 p., illus., \$16. Written primarily for nutritional scientists, book authoritatively presents the chemical structure and physical properties, distribution, technological aspects and biosynthesis of fat-soluble vitamins, and discusses how each performs its characteristic functions.

GLOSSARY OF SOIL SCIENCE TERMS—SSSA Committee on Terminology—Soil Science Soc. of Am., 1970, 32 p., paper, \$1 direct to publisher, 667 S. Segoe Rd., Madison, Wis., 53711. Explains terms from "ABC soil" to "Xeruluts."

HISTORY OF HYDROLOGY—Asit K. Biswas—Am. Elsevier Pub. Co., 1970, 336 p., illus., \$16. A well-illustrated, comprehensive account of the development of the science of hydrology from prior to 600 B.C. to the 19th century.

LEBESGUE'S THEORY OF INTEGRATION: Its Origins and Development—Thomas Hawkins—Univ. of Wis. Press, 1970, 227 p., diagrams, \$12.50. Puts the theory of integration into its historical perspective, traces the progress of ideas and viewpoints from Riemann's theory through set theory to the creation of modern integration theory.

THE MARIJUANA SMOKERS—Erich Goode, foreword by Alfred R. Lindesmith—Basic Bks., 1970, 340 p., \$10. Primarily concerned with depicting the way of life and points of view of the marijuana smoker, and with analyzing the arguments and perspectives of those who are in one way or another concerned with marijuana policy.

THE POPULATION PROBLEM—Arthur McCormack—Crowell, 1970, 264 p., diagrams, tables, \$7.95. A Catholic priest, demographer and sociologist, gives his assessment of the world's critical population growth and food supply.

PRINTED CIRCUIT BOARDS FOR MICROELECTRONICS—J. A. Scarlett—Van Nostrand Reinhold, 1970, 270 p., 46 plates, diagrams, \$12.50. Concerned with the design and manufacture of the complex printed circuit boards on which modern multi-pin integrated circuit packages are mounted.

PROTIDES OF THE BIOLOGICAL FLUIDS: Proceedings of the 16th Colloquium—H. Peeters Ed.—Pergamon Press, 1969, 773 p., illus., \$21.50. Contains more than 90 papers on the conformation and structure of proteins, the proteins of bodily secretions, electrofocusing and other techniques.

PSYCHOANALYTIC INTERPRETATIONS—The Selected Papers of Thomas M. French, M.D., foreword by George H. Pollock—Quadrangle Bks., 1970, 560 p., \$20. Representative collection of the author's fundamental research in the integration of psychological theories into psychoanalysis, in psychotherapy, psychosomatic medicine and dream therapy.

TEXTBOOKS

ADJUSTIVE BEHAVIOR AND SAFE PERFORMANCE—Francis S. McGlade, foreword by Leon Brody—Thomas, C. C., 198 p., \$9.75. Using motor vehicle driving for illustrative purposes throughout the text, emphasis is on the mechanics of adjustive behavior, its relation to ability, social aspects and analysis of adjustive behavior.

CELL AND TISSUE CULTURE—John Paul—Williams & Wilkins, 1970, 4th ed., 430 p., illus., \$12.50. Revision reflects new developments in media, cell lines and nomenclature, and contains new information about the behavior of cells in culture.

CONTEMPORARY CRYSTALLOGRAPHY—Martin J. Buerger—McGraw-Hill, 1970, 364 p., illus., \$12.50. Undergraduate text, outlines the characteristic features of crystals, the theory and results concerned with their basic geometry, and analyzes the modern methods of experimentally determining them.

GENETIC THEORY AND ABNORMAL BEHAVIOR—David Rosenthal—McGraw-Hill, 1970, 318 p., diagrams, \$9.95. Textbook devoted solely to the genetics of mental disorders, deals with the concepts of "biological unity" and "specificity of genotype" with respect to both schizophrenia and manic-depressive psychosis.

GROUNDWATER RESOURCE EVALUATION—William C. Walton—McGraw-Hill, 1970, 664 p., illus., \$17.50. Text presents both the basic principles of groundwater resource evaluation and the practical applications of techniques to well and aquifer problems.

HUMAN FACTORS ENGINEERING—Ernest J. McCormick—McGraw-Hill, 1970, 3rd ed., 639 p., illus., \$15.50. Text intended as a survey of research on the most important aspects of human factors drawn from a number of disciplines, mainly from the behavioral and biological sciences, psychology in particular.

OPTIMIZATION: Theory and Practice—Gordon S. G. Beveridge and Robert S. Schechter—McGraw-Hill, 1970, 773 p., diagrams, \$18.50. Well organized volume deals with the organization for optimization, the techniques of optimization, and their applications in practice.

PLATYHELMINTHES AND PARASITISM: An Introduction to Parasitology—D. R. R. Burt—Am. Elsevier Pub. Co., 1970, 150 p., plates, illus., \$8.75. Flatworms demonstrate particularly well the various kinds of parasitic and other forms of animal association of great biological and medical interest. This treatment is on the undergraduate level.

QUALITY PLANNING AND ANALYSIS: From Product Development through Usage—J. M. Juran and Frank M. Gryna, Jr.—McGraw-Hill, 1970, 684 p., diagrams, tables, \$14.50. Senior-graduate level text, broad-based in scope, deals with the critical interfaces between the quality function and the other major functions of the company.

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