

films OF THE WEEK

BIRTH DAY—THROUGH THE EYES OF THE MOTHER. 16mm, color, sound, 31 min. Labor and childbirth filmed with "subjective camera." The camera, in effect, is the eyes of the mother, so viewers see and hear what this mother experiences from the time she enters the hospital until she holds the baby in her arms. The actual birth is seen in the delivery room mirror. Audience: high school, college, adult, family life education. Purchase \$295 or rental \$20 from Lawren Productions, P. O. Box 1542, Burlingame, Calif. 94010.

Circle No. 121 on Reader Service Card

DON'T TELL ME, PLL FIND OUT. 16mm, color, sound, 22 min. Shows classroom activities involving the concepts from the Organisms, Life Cycles, and Population units of the Science Curriculum Improvement Study. First grade children are seen discovering "blackstuff" in an aquarium and planning experiments to determine its origin. Second grade children plant bean seeds in cups, examine grown bean plants, and observe fruit flies in the pupal and adult stages. Third grade children observe terraria in which crickets eat clover and chameleons eat crickets. Audience: teachers. Purchase information from Science Curriculum Improvement Study, 105 Lawrence Hall of Science, University of California, Berkeley, Calif. 94720 or rental \$6.50 from University of California Extension Media Center, Berkeley, Calif. 94720.

Circle No. 122 on Reader Service Card

A LESSON IN SCIENCE. 16mm or Super 8mm, color, sound, 29 min. Using the concept of changing forms of energy, the teacher bases his lesson on the actual building of an electromagnet. He supplies the materials, background information, and reviews the previous lesson on electromagnets. In this discovery approach, the children are involved in the processes of science. They work with concrete materials to solve a meaningful problem. They record and interpret data and apply their findings to their own environment. They also have the opportunity to think, discuss and make decisions. Audience: teachers, teacher-training students. Purchase 16mm version \$250 or Super 8mm version \$200 from Universal Education and Visual Arts, 221 Park Ave. S., New York, N.Y. 10003.

Circle No. 123 on Reader Service Card

PREPARING FOR TOMORROW'S WORLD. 16mm, color, sound, 26 min. Opens in a high school science laboratory with the teacher serving as narrator. The student is asked to examine his interests and abilities with a view toward taking his place in the expanding world of nuclear science and engineering. Visits are then made to students majoring in some aspects of nuclear science or engineering at various universities. With the flexibility available in the first two years of college, the student will usually be able to plan a career that best suits his capabilities. Audience: high school, teachers. Free loan information from Audio-Visual Branch, Department of Public Information, U.S. Atomic Energy Commission, Washington, D.C. 20545.

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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.

books OF THE WEEK

HUMAN SEXUAL INADEQUACY—William H. Masters and Virginia E. Johnson—Little, Brown, 1970, 467 p., illus., \$12.50. Clinical report of 11-year study of a group of dual-sex therapy teams, adds clinical experience with human sexual dysfunction to the preclinical investigations reported in the earlier (1966) volume **HUMAN SEXUAL RESPONSE.**

LEARNING ABOUT SPACE—Dept. of Education and Science—HMSO (Brit. Inform. Services), 1969, 84 p., illus., paper, \$1.70. A simple guide for teachers designed to introduce younger students to an understanding of space through observation, mathematics, and through study and projects in astronomy, meteorology and geography.

NORTHWEST PASSAGE—William D. Smith—Am. Heritage Press, 1970, 204 p., photographs, maps, \$6.95. The nautical adventure story of the historic east-west voyage of the S. S. Manhattan in 1969 as told by an eyewitness on board the 1,005-foot-long icebreaker.

PENTAGON CAPITALISM—The Political Economy of War—Seymour Melman—McGraw-Hill, 1970, 290 p., \$8.50. Concerned with the power of the military-industrial complex, the author analyzes the workings of the central control system with its consequences and its cost to American society.

PLANETARY EXPLORATION—Carl Sagan—Condon Lectures (Univ. of Ore. Bks.), 1970, 76 p., illus., paper, \$2. Largely concerned with an extensive overview of what is now known about the planets and what could be done with further exploration using present and future technology.

POWER AND MONEY: The Economics of International Politics and the Politics of International Economics—Charles P. Kindleberger—Basic Bks., 1970, 246 p., \$6.95. An analysis of the political dimensions of international economic problems, dealing in turn with such topics as sovereignty, power, war, peacekeeping, trade, aid, migration and corporations.

THE SALMON OF UNGAVA BAY—G. Power—Arctic Institute of North America, 1969, 72 p., illus., paper, \$4. A study of Atlantic salmon in the most northerly extent of its range in eastern Canada, spawning south of the tree-line in the George, Whale and Koksoak river systems.

SCIENCE IN ARCHAEOLOGY: A Survey of Progress and Research—Don Brothwell and Eric Higgs, Eds., foreword by Grahame Clark—Praeger, 1970, rev. & enlarged ed., 720 p., 40 plates, drawings, diagrams, tables, \$22.50. Reference work for archaeologist and prehistorian, discusses dating methods, environmental analysis, the study of man, microscopic and radiographic studies, examinations of artifacts, and statistics.

SECOND SYMPOSIUM ON ORAL SENSATION AND PERCEPTION—James F. Bosma, M.D., Ed.—Thomas, C. C., 1970, 564 p., photographs, diagrams, \$40. Research reports include contributions on the receptor mechanisms of taste, on recent neurophysiological studies of trigeminal nuclei, and on endocrine influences upon oral sensations.

SEEDS OF CHANGE: The Green Revolution and Development in the 1970's—Lester R. Brown, foreword by Eugene Black—Praeger, 1970, 205 p., \$6.95; paper, \$2.50. Gives an account of the agricultural breakthrough in the poorer countries, due to the new "miracle" rice and wheat seeds, and states the alternatives open to improved management.

SPECTROSCOPIC ASTROPHYSICS: An Assessment of the Contributions of Otto Struve—G. H. Herbig, Ed.—Univ. of Calif., 1970, 462 p., illus., \$10. Memorial volume, contains reprints of 10 of Struve's own papers, one from each of the fields to which he made major contributions, followed by commentaries on the present status of those same areas.

TECHNOPOLIS: Social Control of the Uses of Science—Nigel Calder—Simon & Schuster, 1970, 376 p., \$7.50. Deals with such topics as the international community of scientists, national and international competitiveness, brain drain, particular attitudes to technologies, engineering goals, and contrasts the ethical system of pure science with the lack of equivalent system for applying science.

THE THEORY AND PRACTICE OF MENTAL HEALTH CONSULTATION—Gerald Caplan, foreword by Stanley F. Yolles—Basic Bks., 1970, 397 p., \$10. A guide to the practice of community psychiatry, differentiates the operations of mental health specialists from other professional care, and describes techniques of consultation in an attempt to categorize and formalize the functions of the mental health specialist.

WAR AND SPACE—Robert Salkeld, foreword by General B. A. Schriever—Prentice-Hall, 1970, 200 p., \$6.95. An aerospace systems expert develops the theme of strength through strategic space weapons and explores the possibility of war in space.

THE WEASELS: A Sensible Look at a Family of Predators—Bil Gilbert—Pantheon Bks., 1970, 201 p., illus. by Betty Fraser, \$4.95. About the various North American members of the Mustelidae—the weasels, mink, ferret, marten, otter, skunk, badger and wolverine.

WOODRUFF: A Study of Community Decision Making—Albert Schaffer and Ruth Connor Schaffer—Univ. of N.C. Press, 1970, 325 p., \$10. A study of conflict, decision making and change in a midwestern town and the surrounding township. Analyzes the factors that operated for 30 years to prevent the community from developing organized, cooperative responses to industrial and population growth.

YOUTH INTO MATURITY: A Study of Men and Women in the First Ten Years After College—Rachel Dunaway Cox—Mental Health Materials Center, 1970, 347 p., \$12.50. A longitudinal study of how 63 young people functioned during a 10-year period, with the purpose of identifying the concept of the mentally healthy, normal young adult.

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 25c 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.