

Films of the Week

Listing is for readers' information, not advertising. For further information on purchase, rental or free loan, write to distributor listed.

16mm

ATOMIC ENERGY FOR SPACE. 16mm, color, sound, 17 min. Explains how only atomic energy can satisfy some of the future power needs for the deep exploration of space. Audience: popular. Purchase, \$195, from Handel Film Corp. Free loan from Atomic Energy Commission field libraries or Audio-Visual Branch, Division of Public Information, Atomic Energy Commission, Washington, D.C. 20545.

COMMERCIAL PRODUCTION OF CHLORINE. 16mm, color, sound, 9½ min. After laboratory demonstration, shows commercial manufacture of chlorine from extraction of brine to shipment of finished product. Audience: college or adult organizations. Purchase, \$58, or free loan information from Association Films, 347 Madison Ave., New York, N.Y. 10017. (Produced for Pittsburgh Plate Glass Company.)

THE ELECTROLYSIS OF BRINE. 16mm, color, sound, 8½ min. Classroom demonstration of the electrolysis of brine and trip through commercial plant using same basic process. Audience: college and adult organizations. Purchase, \$58, or free loan information from Association Films, 347 Madison Ave., New York, N.Y. 10017. (Produced for Pittsburgh Plate Glass Company.)

THE GENERAL WITH THE COCKEYED ID. 16mm, color, sound, 19 min. Shows the story of the construction industry. Audience: general. Free loan from Sterling Movies, 375 Park Ave., New York, N.Y. (Produced for Associated General Contractors of America.)

MAYALAND SAFARI. 16 mm, color, sound, 32½ min. Visit to five Mayan cities in the vicinity of Merida, Mexico. Audience: high school, college, adults. Purchase, \$325, from AV-ED Films, 7934 Santa Monica Blvd., Hollywood 46, Calif.

OPERABLE HEART DISEASE IN INFANCY—K-1260. 16mm (kinescope film), b&w, sound, 18 min. Interview with Dr. Frank Gerbode, Presbyterian Medical Center, San Francisco, and Dr. J. Willis Hurst, Emory University School of Medicine, Atlanta, concerning current trends in operable heart disease during early childhood. Audience: professional biomedical personnel. Free loan from Public Health Service Audio-Visual Facility, Atlanta, Ga. 30333. Not presently available for purchase.

OPERATION LONG SHOT. 16mm, color, sound, 13 min. Reports on an underground nuclear test conducted in 1965 on Amchitka in the Aleutian Islands. Audience: popular and professional. Purchase, \$52.19, from Lookout Mountain Air Force Station, USAF, 8935 Wonderland Ave., Hollywood, Cal. 90046. Free loan from Atomic Energy Commission field libraries, or Audio-Visual Branch, Division of Public Information, Atomic Energy Commission, Washington, D.C. 20545.

PATTERN FOR COMMUNICATION. 16mm, color, sound, 26½ min. Highlights Western Electric's relationship to the Bell System and describes the company's role as its manufacturing and supply unit. Audience: general. Free loan from local Bell Telephone Company business office.

PESTS OR PLENTY? 16mm, color, sound, 13 min. Describes the contributions made by modern pest control techniques—chemical, biological, cultural, and mechanical. Audience: general. Available for loan from state university film libraries or inquire Motion Picture Service, Office of Information, Department of Agriculture, Washington, D.C. 20250.

POVERTY IN RURAL AMERICA. 16mm, b&w, sound, 28½ min. Defines problems of rural poverty in America, and explores examples of where local people are working to remove the causes of rural poverty. Audience: general. Available for loan from state university film libraries or inquire Motion Picture Service, Office of In-

formation, Department of Agriculture, Washington, D.C. 20250.

READY FOR EDNA—MIS-962. 16 mm, b&w, sound, 29½ min. Shows the broad range of health services needed to meet the health needs of the aged. Audience: health and health related organizations, civic groups, general public. Free loan from Public Health Service Audiovisual Facility, Atlanta, Ga. 30333. Purchase from Du Art Film Laboratories, 245 W. 55th St., New York, N.Y. 10019.

THE TOLTEC MYSTERY. 16mm, color, sound, 26 min. Examines some of the evidence relating to the still unsolved riddle of disappearance of the Toltec civilization in Mexico. Audience: high school, college, adults. Purchase, \$260, from AV-ED Films, 7934 Santa Monica Blvd., Hollywood 46, Calif.

Super8mm

The Planet Earth series, originally released in 16mm in 1961 is now available in super8mm with magnetic sound. Audience: general, high school, college. Price \$110 each or \$1300 for series of 13, from McGraw-Hill Text-Films, 330 W. 42nd St., New York, N.Y. 10036.

THE HIDDEN EARTH. Super8mm, color, magnetic sound, 27 min. Considers the size and shape of the earth including interpretations of data from orbiting satellites.

THE FORCE OF GRAVITY. Super8mm, color, magnetic sound, 27 min. Examines the knowledge of gravitation from early times to the present.

THE SHAPE OF THE EARTH. Super8mm, color, magnetic sound, 27 min. Considers the size and shape of the earth including interpretations of data from orbiting satellites.

THE INCONSTANT AIR. Super8mm, color, magnetic sound, 27 min. Summarizes our understandings of the phenomena that make up weather and climate.

THE CHALLENGE OF THE OCEANS. Super8mm, color, magnetic sound, 27 min. Examines the physical aspects of the oceans and the life cycle in the oceans.

SECRETS OF THE ICE. Super8mm, color, magnetic sound, 27 min. Explains the role of snow and ice in man's physical environment.

THE FLAMING SKY. Super8mm, color, magnetic sound, 27 min. Examines the nature of the aurora and how scientists are studying it.

THE NEAREST STAR. Super8mm, color, magnetic sound, 27 min. Discusses the properties of the sun and the relationship of solar activity to the earth.

MAGNETIC FORCE. Super8mm, color, magnetic sound, 27 min. Explains the nature of the earth's magnetic field and presents the research which led to the discovery of the Van Allen radiation belts.

RADIO WAVES. Super8mm, color, magnetic sound, 27 min. Discusses man-made and natural radio waves, and describes the new field of radio astronomy.

COSMIC RAYS. Super8mm, color, magnetic sound, 27 min. Examines the present concepts of the origin and nature of charged particles reaching the earth from outer space.

RESEARCH BY ROCKETS. Super8mm, color, magnetic sound, 27 min. Explains the exploration of the upper atmosphere by instruments carried in rockets.

SCIENCE IN SPACE. Super8mm, color, magnetic sound, 27 min. Explains the scientific exploration of space and the role of satellites in this endeavor.

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HARRY ROSS

PHYSIOLOGY

Milk Intolerance Found Among Many Negroes

► MANY Negroes in the United States as well as in Africa are reported suffering ill effects from drinking milk.

The cause of the trouble is not known, two physicians at the Johns Hopkins School of Medicine reported in the *Journal of the American Medical Association*, 197:968, 1966, but it could be hereditary.

A Maryland study comparing 20 white and 20 Negro male volunteers revealed that 21 could not tolerate milk. Nineteen of the 21 were Negro. Earlier studies agreed with these findings, and a new report from Uganda indicates that 72% of Negroes there have a lactase deficiency, which means they are unable to digest the milk sugar, lactose. American Negroes also often have this deficiency.

Assuming that the deficiency is hereditary, the researchers said milk drinking after weaning is rare in west-central Africa, the ancestral home of many American Negroes. Diseases carried by the tsetse fly make dairy-cattle raising virtually impossible in this section.

It is likely that the ancestors of the Negro drank very little milk and thus had less need for intestinal lactase after infancy. Over many generations this diminished need could have produced the genetic adjustments that result in the milk intolerance of many Negroes today, the investigators reasoned.

Symptoms of intolerance to milk are abdominal bloating, cramps and diarrhea. It is important to recognize the intolerance early, particularly in pregnant women, peptic ulcer patients and others who would normally consume large amounts of milk.

Welfare workers who have Negroes on their relief rolls should substitute buttermilk and yogurt among those who show intolerance to milk, and may have lactase deficiency. The soft-curd forms of milk contain very little of the troublesome lactose.

Drs. Theodore M. Bayless and Norton S. Rosenweig reported the study.

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