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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.

ATOMS ON THE MOVE: THE TRANSPORTATION OF RADIOACTIVE MATERIALS. 16mm, color, sound, 24 min. Illustrates that by their very nature, radioactive materials are varied, and so are the potential hazards associated with shipping and using them. Shows determination of how materials should be packaged for safe shipment by common carrier, examples of typical shipments, and responsibilities of various Federal, state, and local agencies. Audience: professional. Free loan from AEC field libraries or Audio-Visual Branch, Division of Public Information, Atomic Energy Commission, Washington, D.C. 20545.

BLACK SWALLOWTAIL BUTTERFLY (Egg Laying, Hatching, and Larvae). 8 mm, color, sound, 3:30 min. An adult butterfly is shown laying several eggs. In a time-lapse sequence prior to hatching, the eggs are shown turning dark due to the darkening of the larva within. (Part of series of 5). Audience: high school, college. Purchase \$13.00 for 8mm Standard, and \$14.50 for 8mm Super from Modern Learning Aids, 1212 Avenue of the Americas, New York, N. Y. 10036.

CRYSTALS AND THEIR GROWTH. 16mm, color or b&w, sound, 11 min. Shows the properties of crystals and how they are formed or grown from solution, vapor and molten states. Specimens of quartz, pyrite, wulfenite and other crystals are shown and the inner atomic structure of crystals is elucidated through photomicrographs, time-lapse photography and sequential demonstrations. Purchase color \$120 or b&w \$60 from Coronet Films, 65 E. South Water St., Chicago, Ill. 60601.

THE EARTH BENEATH THE SEA. 16mm, color, sound, 27 min. Demonstrating many of the scientific techniques used aboard research vessels to gather geophysical data, this film reveals how the findings furnish significant clues to the origin, structure and history of the earth. Audience: high school, college. Purchase \$210 from McGraw-Hill Films, 330 West 42nd St., New York, N.Y. 10036.

FREEZE-DRYING. 16mm, color, sound, 22 min. The indefinite preservation of delicate biological substances and of certain tissues may be insured by lyophilization, namely drying by ice sublimation in a vacuum beginning with specimens already frozen. Fast-motion shots show the successive phases of the phenomenon. Various industrial applications are explained. Audience: high school, college, industrial. Free loan (\$3.00 handling charge) from Society for French American Cultural Services and Educational Aid, 972 Fifth Ave., New York, N.Y. 10021.

IT'S YOU AGAINST THE PROBLEM—HQ 146. 16mm, color, sound, 26 min. Part of a series on science career guidance, this is a study of the research work of Dr. Simon Ostrach and his colleagues at the Case Institute of Technology. Audience: high school, adult. Free loan from NASA field libraries or NASA Headquarters, Code FAD-2, Washington, D.C. 20546.

LET'S VISIT A TREE FARM. 16mm, color or b&w, sound, 11 min. Story of a boy and girl visiting a tree farm. Shows how seedlings are grown in a nursery, transplanted to a tree farm, cared for and harvested. Also shows a very large tree farm and a sawmill converting logs to lumber. Audience: primary. Purchase color \$120 or b&w \$60 from Coronet Films, 65 E. South Water St., Chicago, Ill. 60601.

LSD: INSIGHT OR INSANITY. 16mm, color, sound, 28 min. Revised edition of film containing sequences explaining recent evidence and laboratory research which tends to indicate chromosomal damage and thalidomide-like defects resulting from the use of LSD by pregnant women. Includes interview with Dr. James L. Goddard, Commissioner, Federal Food and Drug Administration. Audience: teenagers, adults. Purchase \$300 from Bailey Films, 6509 De Longpre Ave., Hollywood, Calif. 90028.

REACHING FOR THE STARS. 16mm, b&w, sound, 10½ min. Optical and radio astronomy at Mount Stromlo Observatory, near Canberra, in Australia. Audience: general. Free loan from Films Officer, Australian News and Information Bureau, 636 Fifth Ave., New York, N.Y. 10020, or Western States, Press and Information Officer, Australian Consulate-General, 350 Post St., San Francisco, Calif. 94108.