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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.

**THE ASP-VIPER.** 16mm, English sound, color, 28 min. The asp-viper is found at over 6,000 feet in the Alps and in the Pyrenees. It is rarely found in cultivated ground, particularly liking hedgerows, copses and sunny scrub land, and not, as is often thought, just preferring stony ground and sunlight. This is the case in the Vendee where its biology has been studied. Audience: biologists, general. Loan for \$5 service charge from Society for French American Cultural Services and Educational Aid, 972 Fifth Ave., New York, N. Y. 10021.

**THE BOY AND THE BIOLOGIST.** 16mm, color, sound, 14 min. Based on an encounter between a youngster, intent only on fishing and fun, and the older outdoor sportsman who shares with the boy his more knowledgeable perspective and sense of responsibility. Audience: general. Loan information from Audio-Visual Services, Bureau of Commercial Fisheries, Fish and Wildlife Service, Department of the Interior, 1815 North Fort Myer Drive, Arlington, Va. 22209.

**CREATIVE GLASS BLOWING.** 16mm, color, sound, five films with total running time of 46 min. Series is intended to demonstrate the basic operations of glass blowing for students, scientists, technicians, hobbyists and others. Demonstrates how to perform basic operations from rounding a sharp edge and sealing glass parts to blowing bulbs and "crocheting" with molten glass. Titles are: Adjustment of gas burners and three basic operations (8½ min.), Bending tubes, flaring and pulling a point (9¾ min.), Seals and constructions (10½ min.), Glass blowing (9½ min.) and The art of crocheting with molten glass; wirework (7¾ min.). Purchase \$100 each or \$475 for the series from W. H. Freeman and Co., 660 Market St., San Francisco, Calif. 94104. (A companion book, "Creative Glass Blowing" by James E. Hammesfahr and Clair L. Stong, price \$8, is also available.)

**ELECTRO CHEMICAL REACTIONS.** 16mm, color, English sound, 14 min. Electrochemical reactions permit the transformation of chemical energy into electrical energy. This film is intended to present, in simplified form, the nature of the phenomena brought into play during an electrochemical reaction. Audience: high school, college, general. Loan for \$5.00 service charge from Society for French American Cultural Services and Educational Aid, 972 Fifth Avenue, New York, N.Y. 10021.

**FIRST CHEMICAL SEPARATION OF LAWRENCIUM.** 16mm, color, sound, 17 min. About 20 years ago, Dr. Glenn T. Seaborg (then at the University of California, and now Chairman of the AEC) predicted the possible existence of a series of actinide elements analogous to the already known lanthanide series of elements. This amounted to a restructuring of the last part of the periodic chart. The proof of Dr. Seaborg's concept was confirmed by the results from the recent separation of lawrencium. The scientists who performed the research provide in the film some of the background behind the experiment and explain the techniques used while the research is being performed. Audience: professional. Purchase \$98.74 from W. A. Palmer Films, 611 Howard St., San Francisco, Calif. 94105, or loan information from Audio-Visual Branch, Department of Public Information, U.S. Atomic Energy Commission, Washington, D. C. 20545.

**ICELAND — LAND IN CREATION.** 16mm, color, sound (English, Norwegian, Italian, with French and German to follow), 28 min. An introduction to Iceland with special emphasis on the geology. Includes scenes of lava eruptions on Surtsey, the new island in the North Atlantic, glaciers, thermal areas and lava fields. Also describes the people of the country and their history. Audience: general. Purchase \$250 from Keith Films, 370 Central Park Avenue, Scarsdale, N.Y. 10583. (To be released in April.)

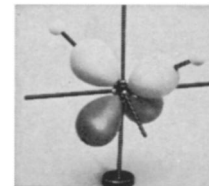
**NOW YOU SEE IT.** 16mm, color, sound, 25 min. A survey of current developments in the field of optics, with special attention to lasers, thermography, fiberoptics and microoptics. Considers the influence of technology upon modern industry, and raises questions concerning the likely effect of current technological developments upon future industry and our future civilization. Purchase \$300 or rental \$16 from McGraw-Hill Films, Dept. DF, 330 W. 42nd St., New York, N. Y. 10036. (Produced for CBS-TV series The 21st Century.)

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