

Films of The Week

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

ATOMIC ABSORPTION SPECTROMETRY. 16mm, color, sound, 20 min. Compares conventional spectroscopic techniques with atomic absorption, and discusses theory and application of atomic absorption flame emission. Audience: professional and industrial personnel interested in "trace element analysis." Loan from Jarrell-Ash Company, 590 Lincoln St., Waltham, Mass. 02154.

THE CARDBOARD COW. 16mm, color, sound, 14½ min. Shows how science has changed farming and how the impact of agricultural research has touched lives of persons in cities and suburbs. Audience: general. Loan from state university film libraries, or inquire of Motion Picture Service, Office of Information, Department of Agriculture, Washington, D.C., 20250, for loan and purchase information.

ISLANDS OF GREEN. 16mm color, sound, 24 min. Shows how increasing pressure for outdoor recreation and conservation education have created a need for small islands of green near urban communities. Audience: general. Available for loan from regional offices of U.S. Forest Service, or inquire of Motion Picture Service, Office of Information, Department of Agriculture, Washington D.C. 20250 for loan and purchase information.

HOMOSEXUALITY IN MEN AND WOMEN. 16mm, b&w, sound, 60 min. Study of homosexuality. Audience: general. Lease \$60 1 yr., rental \$9.15. NET Film Service, Audio-Visual Center, Indiana University, Bloomington, Ind. 47401. (Produced in England for National Educational Television.)

MISSION OCEANOGRAPHY. 16mm, color, sound, 30 min. Tells of discoveries and research by ocean scientists in the early 1800's and of the Navy's involvement in the seas and oceanography. Audience: general. Free loan from Public Affairs Officers of U.S. Naval Districts.

The following 8 films will be shown over educational television and are in addition available for rental or purchase from the NET Film Service, Audio-Visual Center, Indiana University, Bloomington, Ind. 47401.

ATTACK PATTERNS OF SHARKS. 16mm, color, sound, 30 min. Shows work of Dr. Perry Gilbert, Cornell University, in trying to establish the attack patterns of sharks by learning more about their sensory mechanisms. Audience: general.

SECRET OF THE WHITE CELL. 16mm, b&w, sound, 30 min. Focuses on the work of Dr. James Hirsch, Rockefeller University, and his successful attempt to find out how white cells (leucocytes) kill germs in the body

CLOSEUP OF MARS. 16mm, sound, 30 min. Describes the planning of the Mariner IV TV system by Dr. Robert Leighton of Cal Tech and explains the scientific significance of the first photos of Mars' surface. Audience: general.

THE INVISIBLE PLANET. 16mm, b&w, sound, 30 min. Covers the 24-year study of the nearest star in the northern hemisphere (Barnard's Star B) by Dr. Peter Van de Kamp of Swarthmore. Audience: general.

WEATHER BY NUMBER 16mm, color, sound, 30 min. Explains the work of Dr. Joseph Smagorinsky of the Environmental Science Services Administration in working out mathematical models designed to simulate real weather patterns in the earth's atmosphere: Audience: general.

CHILDHOOD OF THE CHIMPANZEE. 16mm, color, sound, 30 min. Shows the work of Dr. William Mason, Delta Primate Research Center, in comparing the chimpanzee's early social behavior to that of man. Audience: general.

LASER—THE LIGHT OF THE FUTURE. 16mm, color, sound, 30 min. Demonstrates working of laser and shows how work of Dr. Arthur Schawlow of Stanford University contributed to the development of the ruby laser. Audience: general.

THE HISTORY OF A VOLCANO. 16mm, color, sound, 30 min. Shows how Dr. Jerry Eaton of the U.S. Geological Survey developed new instruments which for first time gave scientists a detailed picture of the significant events preceding an actual volcanic eruption in Hawaii. Audience: general

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