

The wondrous ways of man and beast

YIWARA

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by Richard A. Gould

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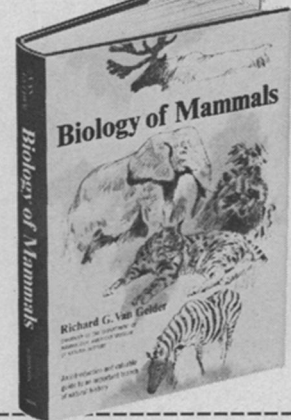
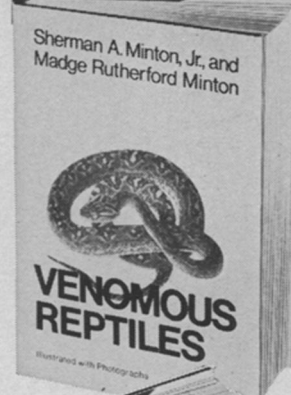
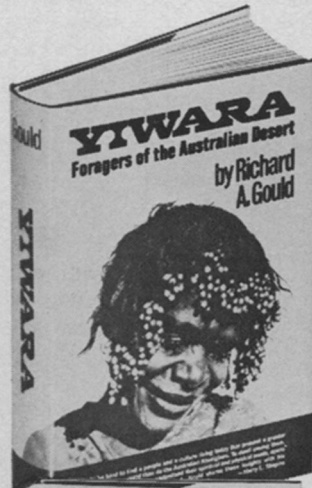
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films OF THE WEEK

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 CHANGE FROM VISIBLE TO INVISIBLE: A STUDY OF OPTICAL TRANSITIONS. PCR-530. 16mm, silent, 10 min. Illustrates the general ways in which something ceases to be visible: when it ceases to reflect light to the observer's viewpoint, and when it ceases to reflect light at all. Shows several examples of optical transformations caused by motion of the object (or of the observer's point of view) and optical transformations shown by a change in the object's material substance. Also shows a comparison of stroboscopic motion and tunnel motion. Audience: psychology classes. Purchase \$42 or rental \$2.60 from Psychological Cinema Register, Audio-Visual Services, Pennsylvania State University, University Park, Pa. 16802.

Circle No. 151 on Readers' Service Card

DESIGN FOR A GARDEN. 16mm, color, sound, 23 min. Presents the designing and planting of a one-third acre garden at an English home, including step-by-step guide for preparing and sowing a lawn, seedlings, type of plantings for certain areas and fertilization of soil. Audience: general. Purchase \$225 from International Film Bureau, 332 S. Michigan Ave., Chicago, Ill. 60604.

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MODERN GEODETIC SURVEYING. 16mm, color, sound, 28½ min. Describes recently developed Navy prediction systems and tells how they permit man to better understand and make fuller use of the ocean environment. Audience: general. Free loan from Public Affairs Offices of all naval districts.

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PHYSICAL CHANGE: STATES AND MIXTURES. Super 8mm only, color, silent. Seven cartridge-loading films for the Technicolor projector on, "What Happens When Moth Balls Are Heated?," "What Changes Take Place When Water Is Distilled?," "What Happens When Tea Is Filtered?," "Will Starch Pass Through Filter Paper?," "Why Does Soda Pop Fizz?," "How Can You Separate A Mixture Of Sugar And Starch?," and "How Can You Grow Crystals?" Audience: intermediate grades, junior high. Purchase \$126 from Rand McNally and Co., P.O. Box 7600, Chicago, Ill. 60680.

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THE PROTOZOANS—AN ECOLOGICAL APPROACH. Super 8mm, silent. Twenty-six cartridge films on protozoans. Fourteen of the films examine representative species, beginning with a scene of the collecting area and followed by microscopic examination of the characteristic behavior, structures and processes. Seven films explore common laboratory and microscope procedures that facilitate the study of microorganisms. Four films provide in-depth study of paramecium, investigating ecology, physiology, reproduction and behavior. Audience: biology classes. Purchase \$19.95 each from Thorne Films, Department NR-12, 1229 University Avenue, Boulder, Colo. 80302.

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SMALLPOX—M-1656-X. 16mm, color, sound, 33 min. Presents clinical and laboratory manifestations to differentiate between smallpox and chickenpox, and procedures for treatment and prophylaxis, including some recently developed techniques. Particular focus is placed on smallpox cases of varying severity and their prognosis: measures to be taken in handling smallpox victims and in search for the source of infection, and correct techniques for administering smallpox vaccine for effective immunization. Audience: medical. Free loan from National Medical Audiovisual Center (Annex), Station K, Atlanta, Ga. 30324.

Circle No. 156 on Readers' Service Card

THE STORY OF ROCKY MOUNTAIN SPOTTED FEVER—M-1715-X. 16mm, color, sound, 29 min. The long battle against this serious and once highly fatal disease has been filmed near the Rocky Mountain Laboratory of the National Institute of Allergy and Infectious Diseases where much of the pioneer research was done. Efforts to develop a vaccine and control the tick vector are explained with appropriate tribute to those scientists who lost their lives while working toward these goals. Audience: general. Purchase information from General Services Administration, National Archives and Records Service, Washington, D.C. 20409, or free loan from National Medical Audiovisual Center (Annex), Station K, Atlanta, Ga. 30324.

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