

New Films

CHANGING SEASONS. 16mm, color, sound, 20 min. Celebrating the centennial of Boston's Arnold Arboretum—a magnificent sanctuary of trees, shrubs and all kinds of vegetation. Thalassa Cruso conducts a season-spanning tour through the grounds. As she presents the dramatically changing profile of the arboretum, fall through spring, she explains the foreign origins of many of the trees. She guides the viewer through greenhouses and workrooms, where imported species are studied for possible growth in the United States, and through the herbarium to observe the art of drying and mounting flowers. Audience: intermediate through college, adult. Purchase \$315 or rental \$11.50 from Audio-Visual Center, Dept. SN, Indiana University, Bloomington, Ind. 47401.

51 dbZ. 16mm, color, sound, 18 min. Fifty-one decibels reflectivity, or 51 dbZ to the atmospheric scientists, is the radar reflectivity reading of a hailstorm that passed over the plains of northeastern Colorado last summer. It was studied in detail by the scientists of the National Hail Research Experiment, who are working in a five-year program of field research in the region known as "Hail Alley," which has more hailstorms than any other part of the United States. The film shows how the scientists study the storms with radar, aircraft and other tools, and how they are testing the feasibility of seeding hailstorms with silver iodide to reduce their potential for destruction of crops and property. Audience: general. Purchase \$90 or rental \$5 from Information Office, National Center for Atmospheric Research, Dept. SN, Box 3000, Boulder, Colo. 80302.

INVISIBLE DANGER. 16mm, color, sound, 14½ min. Deals with the danger of toxic dusts and gases in industrial operations, and the proper precautions for dealing with them. The film emphasizes the many types of breathing apparatus which have been developed, and the responsibility of management to consider the needs carefully and to see that safe procedures are instituted and followed. Also stressed is the importance of good fit, proper cleaning, and mechanical maintenance of respiratory equipment. The film reminds management of what is involved in thwarting the "invisible danger," and how to deal routinely but effectively with it. Audience: personnel who use or will use respiratory equipment on the job; those responsible for its use and maintenance. Purchase \$185 or rental \$15 from International Film Bureau, Dept. SN, 332 S. Michigan Avenue, Chicago, Ill. 60604.

TIGER BY THE TAIL. 16mm, color, sound, 34 min. Since May 1969, the Detoxification, Rehabilitation and Research Center in Tucson, Arizona, has treated more than 300 alcoholics, 60 percent of whom are still sober. The actual experiences of Danny O'Brien, who was a "skid-row" alcoholic, are traced from his life in a junked car where he lived on cheap wine and accumulated 280 arrests for public intoxication to his voluntary admittance into the detoxification center. Under treatment, he is followed through a program which includes classes about alcoholism, group therapy sessions and extended out-patient care. Audience: secondary, college, adult. Purchase \$390 or rental \$19 from Audio-Visual Center, Dept. SN, Indiana University, Bloomington, Ind. 47401.

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Science News

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