

# The COLLECTION of ADULT FLIES

To show the procedures used to catch flies with the sweep net, fly trap, and cone net; and that these methods are best suited, respectively, for rapid surveys, for detailed qualitative studies, and for collecting live flies over natural attractants.

## PURPOSE

## AUDIENCE

Professional and subprofessional public health personnel and others involved in community fly control.

## CONTENTS

1. The sweep net, the fly trap, and the cone net are three effective devices for the collection of adult flies.
2. Collections made with a sweep net are most helpful in learning quickly the kinds and numbers of flies which occur in an area. The net is swung back and forth through the concentration of flies. Those caught in the apex are transferred to a cage and sent to the laboratory along with data as to the type of location, attractant, time, and weather conditions.
3. The fly trap is well suited to making collections in qualitative fly surveys. The trap is placed over the attractant in a suitable location; and flies, after feeding, move up through the cone into the cage above. After a specified time the operator takes the trap with its catch of flies to the laboratory.
4. The fly cone net is a modified type of fly trap especially useful when live flies are needed for bacteriological or virological study. The cone is placed over flies as they feed on natural attractants. Then a cape is placed around the cone excluding all light except through the opening at the apex. The flies swarm toward the lighted opening and into a cage which is held over it.
5. In excessively hot or dry climates the flies may be kept cool on their trip to the laboratory by placing the cages on melting ice.

## AVAILABILITY

Thirty day loan upon request to ....

MEDICAL DIRECTOR IN CHARGE  
COMMUNICABLE DISEASE CENTER  
605 Volunteer Building, Atlanta 3, Georgia

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PRODUCTION NO.

CDC 4-085

RELEASED 1949

MOTION PICTURE

16 mm. Sound

Color

Length: 220 Feet

Time: 6 Minutes

GRAPHIC FORM

- Photography
- Drawings



## COMMENTS

The same subject matter is presented in F-S No. 5-122.0 "The Collection of Adult Flies"

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