M. Demerec Flexible chromosome maps

For preparing chromosome maps on which single items can readily be changed and order
or position of different items shifted, we are using "Kardenex wall panels for tubes", with tubes 6 inches long and 6/10
inches wide. A 20 inch panel holds 90 tubes which is enough for the map of melanogaster X-chromosomes.
Since there is space for each item 6 inches long it gives room enough for:
locus, symbol, full name and K. By inserting differently colored transparent markers in tubes we designate locus which are carried in our stocks, which have been lost etc. The material may be ordered from Remington Rand Inc., 265 East
42 Street, New York. The price is $3.00 per panel.

B. H. Glass Control of mold and mites.

In combating a severe infection of mold in Drosophila cultures, it has been found helpful to add
0.2% formaldehyde, added when the food is prepared. Flies can live for several weeks in such vials, inoculated in the usual manner with yeast, but larvae do not develop after
hatching; and mold growth is inhibited. These vials are also very useful for holding individuals to be studied at some future time. Before transferring to fresh food, the flies are given a bath in a watch-glass of 10% formalin for 2 to 3
minutes; then dried on filter-paper. Flies will stand a considerable immersion in alcohol with no permanent ill effects. They may be handled readily with brush and forceps. The alcohol bath treatment is also effective in freeing flies from mites. Larvae are especially easily cleaned in this way, the mites coming off at once; whereas on the larvae may
be touched on filter-paper, and transferred at once to the food, using a long-handled needle, to which they gently ad-
here.

M. Demerec Control of mites.

As a preventive measure against the spread of mites we are keeping stock-cultures (and also all
other culture bottles which are used during a long period) standing in a weak solution of creosote. For this purpose
shallow (2 inches or 5 cm high) galvanized iron trays are used. These are made to order to fit our shelves (usually 12 x 36
x 2 inches). In case any of the cultures is infected with mites creosote solution prevents their spread to adjacent cultures and keeps the infection under control. Some of our trays have been in use for over five years without any sign of wear. The initial cost for trays, therefore, is spread over a long period. Mites can also be controlled effectively by avoiding accumulation of old culture bottles and by wip-
ing frequently, shelves and tables, with carbon tetrachloride.