M. Demerec  Flexible chromosome maps
some maps

For preparing chromosome maps on which single items can readily be changed and order
or position of different items shifted, we are using "Kardek wall panels for tubes", with tubes 6 inches long and 3/15
inches wide. A 20 inch panel holds 90 tubes which is enough
for the map of melanogaster X-chromosomes. Side-space
for each item is 6 inches long is given 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 tested, 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 hold individuals for two or three days in vials of food containing
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 used at some future time. Before transferring to fresh food, the flies are
given a bath in a watch-glass of 70% alcohol for 2 to 3
minutes; then dried on filter-paper. Flies will stand a con-
siderable immersion in alcohol with no perceptible ill effects.
They may be handled readily with brush and forceps. The al-
cohol bath treatment is also effective in killing flies
from mites. Larvae are especially easily cleaned in this
way, the mites coming off at once; whereas, even the larvae may
be touched on filter-paper, and transferred directly 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 keep-
ing 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 wipe-
ing frequently, shelves and tables, with carbon tetrachloride.