have ♀ genital plates, vagina, two spermathecae, and tubular recepticle. There are, however, minor differences in the shape of the abdomen between $F_1$'s of 1 x 3 and 1 x 4. $F_1$'s from 3 x 4 cross have ♂ external and internal genitalia, but the shape of the abdomen is intermediate between ♀ and ♂, although resembling more that of a ♂. $F_2$'s from all crosses segregate in 1:2:1 ratio. Results suggest that either three alleles of the gene for intersexuality are responsible for the different morphological type of intersexes, or that there are three alleles of modifiers of the gene for intersexuality.

## News items

Genetics Laboratory, Columbia University, New York, N.Y. - Apart from work of Schweitzer and Dunn, melanogaster is used chiefly for course work and master's problems by graduate students. Each year several students are able to carry out preliminary experiments in locating new genes and in studying interaction and dominance effects of known genes (especially eye colors and eye sizes) and material to be used for these purposes is welcome. Dunn is interested in lethals and semi-lethals like $l_{hII}$ which have retarding effect on development.

Schweitzer has been analyzing the data on crossing-over in D. melanogaster in terms of the cytological events. He is interested in crossing-over data for other species in which whole chromosomes are covered with no more than 1/2% of undetected doubles.

Apparatus. Curt Stern - A funnel has been constructed, which facilitates the filling of food-bottles. The funnel is made of metal and has a capacity sufficient for food for about 60 bottles. It has a metal faucet which is easy to handle. The funnel is mounted on a stand, but can be detached for cleaning purposes. Below the funnel opening the stand has a hole through which extra drops of the food fall so that the bottles do not get dirty. The base of the stand has a rail which guides the bottles. This funnel can be obtained from the Will Corporation, Rochester, N.Y. A similar model has been in use for many years at the Kaiser Wilhelm Institut and has proven of great help in reducing the time and labor involved in the preparation of fly-food.

The Will Corporation has also on sale an etherizing glass following in general the design of C.B. Bridges (32) given in Amer. Nat., 66:250-273. An improvement consists of the following: Instead of a small funnel and a layer of plaster of Paris which have to be fitted and fastened into each glass individually, a one piece metal funnel and either holder is used which fits in without special fastening devices.

Inbred Bar. Charles Zeleny - Closely inbred (single pair brother and sister matings) 17° and 27° constant temperature lines are being maintained; at present (January 1934) 297 generations at 27° and 129 generations at 17°.