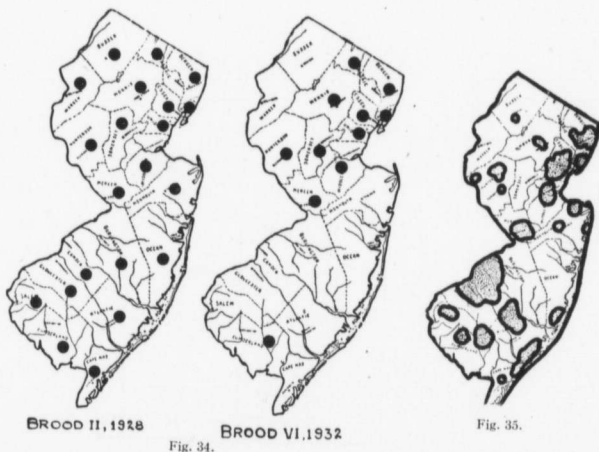


where the factor of time is considered, the earlier year should always appear at the left, and all vertical scales should read upward.

Figures 34 and 35 show map representations, which are common and convenient ways of charting certain kinds of information. Figure 34 illustrates the distribution by counties of two broods of



the Periodical Cicada in New Jersey. Distribution information should always be placed before a reader in a graphic way, as only in such a way can he grasp and visualize the material as a whole. Where necessary, the detailed printed information can accompany the chart, but it should never be used alone if one expects to convince the reader. Figure 35 shows the distribution of the nursery stock which entered New Jersey from other states during the fall of 1916. In order to bring the localities out more clearly, the dotted areas have been surrounded by heavy black lines. Both figures 34 and 35 are incomplete as to titles, which have been omitted purposely to show the ineffectiveness of such a procedure.