

reversal of the daily sequence, no pollen shedding by flowers of Dickinson, extended opening and overlap for two sets on Queen and Panchoy, and for Linda only one set was open. During the forenoon of the 19th, there was the return of sunny weather and warmer temperatures. For the A varieties the set of flowers delayed or continued from the previous day shed pollen and closed about noon, then first-period flowers were open and these were followed by a set of second-period flowers. Of the B varieties Queen had three different sets of flowers open but Panchoy and Linda had but one set and these were second-period flowers.

The various conditions of abnormal flower behavior were fully described and discussed and some of them illustrated by photographs and charts in the first reports made by the writer (10, 11, 12) as well as in a more recent publication (13). Others have reported and discussed such behavior (see especially 7). Erratic behavior, often to the degree that there was no definite daily alternation, was the rule in California during February, March and part of April in 1923, wherever the writer made observations.

Flower Behavior Throughout the Season of Flowering:—During 1925 the flower behavior of a tree of the Taft variety and a tree of the Trapp variety was observed carefully for most days of the season of bloom.

For the tree of Taft (see Fig. 10) there was considerable variation in the hour when the sets of flowers opened but there was

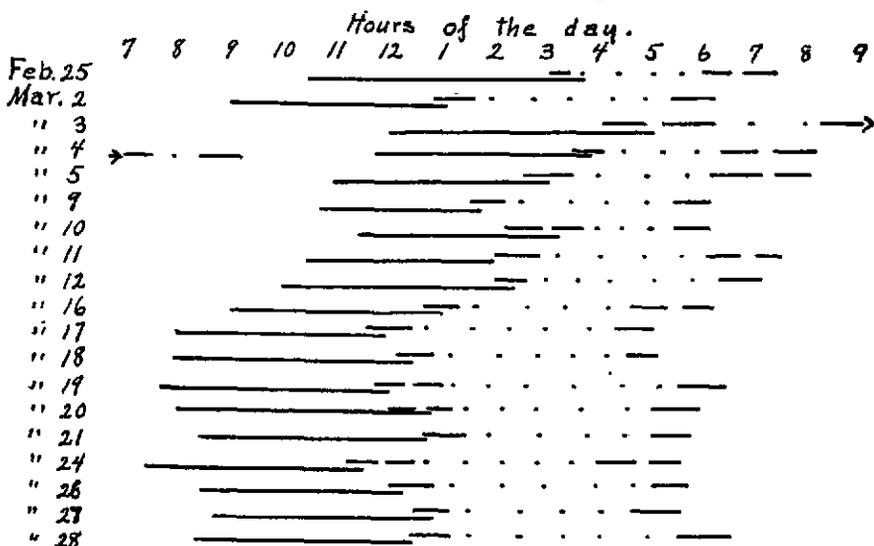


Fig. 10.—Records of the flower behavior for trees of the Taft variety in one locality in Florida during the season of 1925.