

carrier attachment is recommended. There has been little difficulty, however, in getting the data from the field card onto standard cards by machine. It was found advisable to use the standard cards for machine calculations.

Fruit cards have been used to collect data on 1131 peach and nectarine seedlings at Beltsville. From these cards, frequency distributions have been obtained for each cross and for each male and female parent. Percent of the combined progenies above selected thresholds of desirability for each characteristic were utilized to estimate the prepotency of specific

selections as parents.

This system is best adapted when complete notes are taken at one time in the field and disposition of the individual seedling is determined at that time. If fruit must be collected and stored for a period before evaluation in the laboratory, as is the case for pears, the main advantages of this system are lost.

Literature Cited

1. Fogle, H. W. and E. Barnard. 1961. Punched cards as aids in evaluating seedlings in the field. *Fruit Var. Hort. Dig.* 15(3):47 50.

Book Review

Fruit Present and Future—Vol. II.

The Royal Horticultural Society, Vincent Square London, SW1p 2pe. 1973. 180 p. illus. £2.00 (\$4.80).

Similar to Vol. I from the same society, Vol. II contains much practical information on varied horticultural topics such as: developing an orchard, variety trials, hardy fruits, pollination, bees in the orchard, systemic fungicides, apple breeding, tree dwarfing, small fruit culture, etc.

Another feature of this paper bound book is an article entitled "The Dwarf

Fruit Tree Association of North America—Its Origin, Growth and Development" which covers 16 years' progress of a grower-oriented association. Also, the paper "The National Fruit Trials (1922-1972): A Brief History," depicting aims, organization, variety change and collections, could be of aid to the fruit breeder as well as to anyone working with pome and small fruits. The 28 articles, well illustrated, have much valuable and useful information for the pomologist and for students majoring in fruit production.

—ROBERT F. CARLSON