2. **Pollen selection experiments.**

The pollination media reported last year (News Letter 40:108) permit tests of selection techniques parallel to the enrichment procedures that are used in microorganisms. An extensive series of trials was made this year; the most interesting of the results are presented below.

Selection for "resistance" to the media was tested on a pilot scale. Following self-pollination with a given medium, seed sets on controls (no previous selection) were compared with seed sets on plants derived from pollinations made with the medium in the previous generation. Out of 12 pairs of comparisons (differing in medium or dilution or exposure...