

crops of great importance in this part of the country. Investigations on the methods of action and value of various chemicals as seed disinfectants against seed-borne parasites causing disease have proved profitable, as have studies of the effects of one pathogenic organism on another (both of which are common disease organisms to one plant). A beginning has been made in investigating the factors determining winter hardiness in plants, a study that is of great importance to Quebec and to Canada generally.

Apart from numerous papers that have been published by members of the Entomological Department on insect morphological and taxonomic problems, including an extensive treatise just now being published on the morphology and classification of the Pentatomidae, information of direct value to the agricultural workers has been discovered and made available. Following a considerable amount of work on the onion maggot, a study of the bionomics of this pest has been made and the results published. A much-needed survey of part of the Province has been made with regard to the animal parasites common to our poultry flocks, and findings of direct value both to the farmers and to the college workers in parasitology secured. And since 1928 the head of the Department has been in charge of a research problem dealing with the factors affecting the set of fruit in apples, with particular reference to pollination - an investigation that is being carried out in Nova Scotia, and that is financed jointly by the Dominion and Nova Scotian Departments of Agriculture.

Reference has already been made to animal parasite investigations. This work, at Macdonald, is partly under the