

FACULTY OF FORESTRY

Professor Howe—*An Investigation of the unburned, cut-over Pulpwood Lands, with special Reference to the Regeneration and Rate of Growth of Balsam Fir and Spruce in certain Districts in New Brunswick, Ontario and Quebec.* This investigation includes the making of surveys of forest regeneration and growth on permanent sample plots and observations in experimental cutting areas to determine the most profitable logging methods which will yet insure another growth of spruce or balsam on the same ground.

Dr. White—*A Study of the Present Condition of the much burned old Pineries of Ontario with special Reference to the regeneration of White Pine.* In this investigation some 75,000 acres in Central Ontario have been covered and it will be continued on representative areas throughout the Province.

Professor W. N. Millar—1. *A Study of the Cypress Hills Forest Reserve.* An investigation of the amount of timber present and of its annual rate of increase with the object of obtaining data for a plan of cutting and marketing that will render the Reserve continuously productive.

2. *A Study looking to the Replacement of Pine by Natural Methods on the severely burned Areas of the Petawawa Military Reservation.* This Study involves an investigation on permanent sample plots of the conditions which favour or prevent reforestation by pine in burned over areas.

3. *Field Studies for the Preparation of Volume and Growth Tables for White Pine and Red Pine in the East and for Engelmann Spruce and Lodgepole Pine in the West.* The object is to determine the average merchantable contents of trees of these species of a given diameter and height class. Such data are necessary in making plans for continuous production.