

The laboratories in which these investigations were carried out were as follows: Universities of British Columbia, Alberta, Saskatchewan, Manitoba, Western Ontario, Toronto, Queens, McGill, Montreal, Dalhousie; Connaught Laboratories; Queen Alexandra Sanatorium; Fort Qu'Appelle Sanatorium; Federal Departments of Agriculture, Mines and National Defence; Board of Grain Commissioners, Winnipeg; Steel Company of Canada; and the Biological Board of Canada.

During the year 1927-28 the research activities of the National Research Council were carried out in every province of the Dominion where facilities were available for work of this nature. It is the policy of the Council to utilize to the fullest possible extent all existing facilities, both in trained man power and equipment, in order to stimulate and co-ordinate research work throughout Canada.

During the past eleven years the Council has expended the total sum of \$556,631 in grants in aid of research, of which amount \$110,797 was expended during the year 1927-28. More than 40 p.c. of all moneys expended by the Council since it was established have been devoted to the co-ordination and stimulation of research work carried out in university, Government and industrial laboratories throughout Canada.

**Associate Committees.**—The National Research Council has established two classes of Associate Committees, the main function of the first class being to advise the Council on scientific questions, and of the second, to direct research work on some major problem.

With the object of keeping the Council closely in touch with important research problems requiring attention and with advances in science made from time to time, the Council has established Associate Committees, one in each of the major departments of science. These committees provide the Council with a source of reliable scientific advice in their respective fields. In some cases research work is carried on under the auspices of Advisory Committees, but research is not their main function.

The second group of Associate Committees has been appointed by the Council for the specific purpose of undertaking the organization, co-ordination and prosecution of research work on some major problem or group of problems. This group of committees differs from the first group in that its main function is to undertake the direction of the research work specifically assigned to it, but it also serves in an advisory capacity in its own field.

At the close of the year 1927-28, 24 such Associate Committees were in active operation under the auspices of the National Research Council. These Associate Committees usually meet at least once a year at a convenient time and place to discuss that part of the work of the Council with which they are concerned and to consider the manner in which the committee can most effectively co-operate therein and to make such recommendations to the Council as may be deemed necessary or advisable.

The total research organization actively at work under the auspices of the National Research Council during the year 1927-28 numbered 570, of whom 465 persons served without remuneration. It would be quite impossible for the Council to pay for the service rendered and to provide the whole cost of the work carried out under its auspices, even if its financial resources were much larger than at present.