

calcium and inorganic phosphorus content of the blood, ascribable in part to the influence of light, changes taking place in one direction when the animals pass from the comparative darkness of the winter quarters to the full sunlight of the pasture and in the opposite direction when they are again stabled for the winter. Mr. F.R. Forbes has been studying the foetal fluids of cattle, obtaining information about the quantities and composition of the allantoic and amniotic fluids at various stages of gestation.

Further collaborative studies on the methods of analysis of maple syrup have been carried on by 9 chemists in 3 laboratories in Canada and 4 in the United States and the results published as a report of the Associate Referee on Maple Products to the Association of Official Agricultural Chemists. Syrup for the purpose was provided by the Quebec Department.

#### ENTOMOLOGY.

In addition to the students in the general courses in agriculture and household science, seven undergraduate students are enrolled for major work in the department. With all expansion in entomological establishments throughout the world at a standstill, the policy of the department has been to discourage the enrolment of students, except those especially fitted for the type of work.

Progress has been made with the building up of the different collections upon which so much of our work is based. We now have eleven distinct collections requiring unremitting care and attention. Included in this is a collection of larval forms at which a start was made during the past season. In as far as possible the material for the foregoing has been collected and prepared by our own staff.