

equipment consists of microscopes, camera lucidas, microtomes, photo-micrographic camera and the projection microscope which is available for class demonstrations.

7. Insect Histology.—This course accompanies the course on vertebrate histology. Lectures and demonstrations are given on the anatomy and histology of the insects. Especial attention is given to the study of the mouth parts and the respiratory system.

8. Physiology.—The fourth year specialists in Biology receive lectures and demonstrations on elementary and experimental physiology of the human body.

9. Advanced Research and Thesis Work.—This is confined to students of the fourth year who prepare a thesis on some approved subject. The apparatus and literature of the department are at their disposal, but the student has to carry on the work to some extent without instruction. The production of a satisfactory thesis indicates a student's ability in theoretical and practical investigation.

Investigation Work.

This work is carried on by the department during the summer months when lectures are suspended. It may be divided into practical and theoretic-

cal, the practical consisting of experiments with insecticides and fungicides upon infested orchard or garden crops. The experiments are planned during the winter and early spring, so that they can be carried out on a definite system. At the same time systematic study and investigation are bestowed upon various families of insects. Much time is also devoted to correspondence in answering enquiries respecting injurious and other insects, the number of which is steadily increasing.

Entomological Society.

During the year 1905 an Entomological Society was organized among the students and incorporated as the Guelph Branch of the Entomological Society of Ontario. The meetings held were always full of interest. Since then the headquarters of the Society have been transferred to the College, which has now the inestimable privilege of using the large and valuable library of the Society and its extensive reference collections. The meetings of the Society, which are held in the College, are well attended, and a number of the students are much interested in this important phase of agricultural work.

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