

For five years Prof. Harrison carried on this phase of the work, and gave good laboratory courses. By this arrangement Prof. Panton was able to give more attention to the development of practical courses in plants, insects, and general zoology.

In the fall of 1895 a very important step was taken, when special courses were organized in the Third Year. According to the new scheme the work of the Biological Department was greatly increased, and the courses in Botany and Entomology in particular were made more thorough, progressive, and practical. In spite of the fact, however, that the work in Histology and Plant Pathology was carried on by Prof. Harrison, the work of the Department soon became too heavy for one man to carry, for new demands were being made upon his time and energy. The correspondence, regarding insects, weeds, and fungous diseases gradually became more burdensome, and outside investigations consumed much time. As a result, assistance became necessary, and was finally obtained. Mr. M. W. (now Prof.) Doherty was, the writer believes, Prof. Panton's first assistant. After him came Mr. T. F. Patterson, and Mr. J. C. McDonald (now of the *Weekly Mail and Empire*).

In February, 1898, Prof. Panton died, regretted by all who knew him. For over twenty years this gifted man had given of his best for the advancement of biological science at the O. A. C., and had worked unremittingly and conscientiously. We can truly say that those who come after him are reaping the fruits of his labors.

In the summer of the same year the writer and Mr. M. W. Doherty took

up and continued the work of Prof. Panton. It has been their constant aim to make all instruction as thoroughly practical as possible, but on account of the great increase in the number of students since 1898, the very limited facilities for individual laboratory work, and the want of proper equipment, it has not always been possible to give ideal courses in Biology; that is, courses with the maximum amount of practical work and the minimum amount of lectures. It is believed, however, that the courses during the past four years have gradually improved in many respects, especially along the lines of Economic Biology. No student can now leave the College for the farm after the two years' course without having a practical acquaintance with the common weeds, weed-seeds, grasses, injurious fungi, and injurious insects.

In 1901 additional help was granted the Department, and Mr. T. D. Jarvis was appointed Helper and subsequently Fellow. It was now possible to improve still further the character of many of the courses, and this present year, for the first time, arrangements were made so that the Freshmen could do practical exercises in Geology and Zoology. Besides, field courses were conducted for the purpose of collecting and studying the habits of insects, fungi, and flowering plants. In these and other ways the students come into more direct contact with the organic world; they are made to observe carefully, to reason carefully, and to read carefully.

A word regarding the accommodation *Then and Now*. The old Annex contained but a single room, which