

such* information has been included as I deemed would be useful."

His first report after his appointment on the Farm Staff, that for 1887, may be considered in its general usefulness and the variety of important topics discussed as typical of the series. This begins with an important article on the insects injurious to cereal crops, in which those affecting wheat claim first attention, followed by other injurious species affecting other valuable cereals. Insects affecting hay and clover are next considered, where the so-called Army Worm *Leucania unipuncta*, a species early regarded as a formidable antagonist, is dealt with, also the Clover Seed Midge which some seasons destroys a large part of the crop of clover seed. The worst pests which affect roots, potatoes and other vegetables are also described and remedies for their destruction referred to. The Codling Moth and the Tent Caterpillar, so injurious to the apple crop, also insects which are destructive to the grape, raspberry, currant and strawberry are all dealt with and, in the closing chapter, some of the worst insects affecting forest trees.

This brief enumeration of the subjects discussed gives one some idea of the scope of the work undertaken, and the presentation of each subject was so clear and practical as to arrest the attention of those looking for information, and if only a small percentage of the usual annual loss was saved by adopting the remedies recommended, the addition thus made to the farmers' profits must have been quite considerable.

Up to the spring of 1895, Dr. Fletcher had charge of the Arboretum and Botanic Garden at the Central Experimental Farm, and under his management good progress was made, but finding that his many other duties prevented him from giving the necessary time to this work, at his request Mr. W. T. Macoun was made Curator of this important branch of the service.

The twenty-one annual reports which were written by Dr. Fletcher, together with the excellent cuts by which the text was illustrated, have been of great value to the farmers of Canada by instructing them how to recognize their insect enemies, also their insect friends. Full instructions were given from year to year as to the most reliable and practical measures to adopt for the destruction of the more injurious species treated of.

He also waged a constant warfare against weeds, and his reports and bulletins on this subject are very valuable and are highly appreciated and followed by many of the most intelligent farmers throughout the Dominion. Bulletin No. 28 of the Farm series on "Weeds" was written by Dr. Fletcher, in which 164 troublesome plants are mentioned and the best way of fighting them. Dr. Fletcher also prepared that beautifully illustrated