

ANNUAL MEETING OF THE SOCIETY.

The annual meeting of the Society was held in a lecture room of the new Biological Building of the University of Toronto on Tuesday, September 3rd, 1889. The President, Mr. James Fletcher, of Ottawa, took the chair at 11 o'clock a.m. The following members were present: Mr. E Baynes Reed and Mr. J. M. Denton, London; Mr. J. Alston Moffatt, Hamilton; Dr. Brodie, Dr. White, Masters O. and W. White, Mr. Gamble Geddes, Mr. A. Blue (Department of Agriculture), Toronto; Rev. C. J. S. Bethune, Port Hope; Mr. W. H. Harrington and Mr. R. Bell, Ottawa; Mr. H. H. Lyman, Montreal; Rev. T. W. Fyles, Quebec; Rev. W. R. Burman, Winnipeg; Mr. L. O. Howard, Assistant Entomologist, Department of Agriculture, Washington.

The minutes of the previous meeting having been printed and circulated among the members, the reading of them was dispensed with, and they were duly confirmed.

The President then delivered his annual address in which he referred especially to the chief insect attacks of the year.

ANNUAL ADDRESS OF THE PRESIDENT.

GENTLEMEN,—The present year has been one of great scientific interest in Canada. The event of greatest importance is, of course, the meeting of the American Association for the Advancement of Science, the participation in which we have just enjoyed. This has given us an opportunity of meeting personally many of the leading Entomologists of the country, who have long been known to all of us through their writings. The late deliberations of the entomological and botanical clubs have been of exceptional interest, and I feel proud that the members of our society should have taken so active a part in making these meetings successful.

Since I last had the honour of addressing you, the ravages of various kinds of injurious insects have demanded our attention. I will briefly draw your attention to some of these, so that there may be some discussion to-day upon the habits of the insects causing them, and thus what have been found to be the best remedies in the experience of those who have investigated them will be brought out. We discussed last year the injuries of the grass-eating thrips (*Phlæothrips poaphagus*). Continued observations during the past summer have shown that this insect is very widespread, and that although its attacks occasionally occur on other grasses, they are chiefly confined to June grass (*Poa pratensis*) early in June, and later in the month, to timothy (*Phleum pratense*). This attack is always most severe upon old meadows, and for the present the only remedy we can suggest is the ploughing up of those areas and laying them down to some other crop. Oats in central Ontario have been severely attacked by another yellowish species belonging to the Thripidæ. This insect has been submitted to Mr. Pergande, through the courtesy of the United States' Entomologist, and declared to be an undescribed species. The injury was perpetrated by the perforation and abortion of the oat flowers just before they left the sheath, by which they turned white,

and faded without the chaff of the infested fields, though the same, or a similar thing, is seen in the spring, seen in the cutworms. Fall (*Hadena devasta*) which attacks the grasses, upon the spring, the season of the caterpillars perfect moths of very abundant, and remedies for cutworms. Keeping down all seem to be the best traps was tried especially in garden tation, which must Paris green and s out or appears at to the fact that very short distance be have been more of radishes and cabful treatment of with a suggestion

The larch saw hood of Ottawa, swamps being re

The imported through the season to the unusual season the frequent rain it was put on.

During the present year, where I have of Agriculture and this enjoyable visit magnificent collection kinds of machines

With regard to Agriculture, there of the entomologists have been undertaken the injurious Australian havoc in the orange been attended with introduced which Should nothing be important experim