

REPORT FROM THE ENTOMOLOGICAL SOCIETY OF ONTARIO, TO THE
ROYAL SOCIETY OF CANADA, THROUGH W. HAGUE HARRINGTON.

As delegate from the Entomological Society of Ontario, it affords me much pleasure to announce that the Society has continued to make satisfactory progress, both in membership and in the work which it undertakes.

The monthly publication of the *Entomologist* brings before students of insects, both in this country and abroad, very valuable and interesting papers on the habits and life histories of our species, with frequent descriptions of new discoveries in our extensive country. Volume XVI. has been completed and several valuable parts of XVII. have been already issued.

The "Annual Report" No. XIV., issued by the Society, contains several instructive papers prepared especially for agriculturists, and well supplied with such illustrations as may enable them to recognize the insects therein described.

The Montreal Branch of the Society is in a flourishing condition, which is due to the exertions of the energetic and enthusiastic entomologists who reside in that city.

Gratification is felt at the evidence of a growing interest in regard to the very important question of the serious losses annually caused throughout the country by the depredation of various insects.

The Select Committee appointed by Parliament, in 1884, to obtain information as to the agricultural interests of the Dominion, issued circulars to a large number of leading fruit-growers and other agriculturists throughout the country, requesting, among other points, an expression of opinion as to the desirability of the appointment of a Government Entomologist. A large majority of the answers were in favour of such an appointment.

Two members of the Council of the Entomological Society were also called, and gave evidence before the Committee as to the ravages of insects in Canada, and as to the advantages which would result from the appointment of a competent Entomologist.

The Department of Agriculture, impressed by the importance of the subject as thus brought before its notice, has since appointed as Entomologist one of the most energetic officers and workers of our Society—Mr. James Fletcher—who has issued a preliminary report briefly describing the most noticeable injuries caused by insects last season to the various crops.

In the United States great attention is still paid to the study of Economic Entomology. Several of the States, as well as the Federal Government, make liberal provisions for the investigations of appointed Entomologists.

The published reports of such investigations are exceedingly valuable, and furnish, with the exception of that supplied by the Entomological Society of Ontario, almost the only reliable information regarding the injurious insects infesting our orchards, fields and gardens.

It is a matter of no little importance that as full information as can be obtained should be, as widely as possible, circulated among our farmers, and to this end the appointment of an Entomologist by the Department of Agriculture is an important step in the right direction.

The President then delivered his annual address.

ANNUAL ADDRESS OF THE PRESIDENT OF THE ENTOMOLOGICAL
SOCIETY OF ONTARIO.

GENTLEMEN,—The season of 1885 has not been distinguished by any unusual invasion by injurious insect hosts. Nothing assuming the proportion of a general or serious calamity in this direction has occurred in any department of agriculture or horticulture; nevertheless, instances have not been wanting where local injuries caused by insects have assumed considerable proportions, the sum total of which, if the results were expressed in money loss, would represent a very large sum.

The great strag-
not, so far as we h
locality in our Pro
neighbours across
State of New Yo
\$100,000. In the
and other Western
Early in August I
seriously injured
knowledge occurre
fifth of an inch in
joints; sometimes
first four or five jo
and thus occasions
tritici (Riley) has
Illinois, Tennessee a
to ruin the crop.
brood of this insect
in the larval or pup
conditions the rem
rotation of crops ha

The cabbage
Anthomyia, *Antho*
centre of the stem
native of Europe, is
tive insect in this c
or the method of it
upon the stems of t
The eggs hatch in
and work their way
outer surface of the
When full grown th
shortly escape, the
eight weeks. Usua
there are two or thr

Several remedie
young plants in stro
thick mixture of soc
well to the outer su
added to the soil in
well harrowed in so
measure; or even w
away from about the
again drawn up to t
stimulating artificial

The cabbage has
green caterpillar of
disfigures it to such
feeding as it does an
with any sort of pois
Pyrethrum, or insect
folium, has been use
and applied to them
poisonous. The Pyre
the severe cold of the
raised from seed, and