

## INTRODUCTORY.

The following primary Report on some of the noxious insects of Canada has been prepared on behalf of the Entomological Society, for the Agricultural and Arts, and the Fruit Growers' Associations of Ontario. The Council of the former Society, about a twelvemonth ago, unanimously adopted the following resolution:—

“That the sum of four hundred dollars be appropriated in aid of the Entomological Society, for the ensuing year (1870), on the condition that the Society furnish an Annual Report, and form a Cabinet of Insects, useful or prejudicial to Agriculture and Horticulture, to be placed at the disposal of this Council, and that they also continue to publish their Journal.”

The Entomological Society accepted the grant on these conditions, and has endeavoured faithfully to carry out the different tasks thus imposed upon it. Its Journal—*The Canadian Entomologist*—has been published at stated intervals, and has now reached the ninth number of its second volume. The Cabinet of Noxious and Beneficial Insects is being duly prepared, but owing to the amount of time and labour required for its proper arrangement, has not yet been transferred to the rooms of the Association. The Report—the remaining condition—is herewith presented.

In order to render this Report, and those that may follow it in future years, as valuable as possible, it has been deemed advisable to take up a few special fruits, vegetables or crops, and give a complete account of the insects affecting them, rather than to treat of a larger number in a less elaborate manner. The following pages include reports on insects affecting (1) the Apple, by the Rev. C. J. S. Bethune; (2) the Grape, by Mr. W. Saunders; (3) the Plum, by Mr. E. B. Reed; each writer is responsible only for the statements contained in his own portion of the work. It is intended to treat of, next, the insects injurious to the wheat, potatoe, hop, and pea crops, the strawberry, currant and gooseberry, cucumber and squash, and cabbage; and so to go on, if the work is continued and Providence permit, till the farmers, gardeners and fruit growers of this country are fully informed respecting the habits of their insect friends and foes, and the best modes of dealing with them.

As mere descriptions of insects are seldom intelligible to the general non-scientific reader, special pains have been taken to present an illustration of almost every insect referred to in the following Report; and everyone will, no doubt, at once admit that any little value these pages may have, is greatly enhanced by the excellent wood-cuts that embellish them. Special thanks are due, and are hereby gratefully tendered, to the

Honourable  
Canada Far  
for permissi  
the best fig  
by no mean  
Mr. Beale,  
Society. In  
in procuring  
Growers' As  
double that

As the  
occupations,  
may be able  
fections or o

Trinity.