

## BOOK NOTICE.

"THE CODLING MOTH": L. Cæsar. Bulletin 187, Ontario Department of Agriculture. 40 pp., 21 figs. (Toronto, Ont., Jan., 1911.)

To say that this publication "fills a long felt want," if it has the disadvantage of echoing the words of hurriedly written notices and reviews of books, is only expressing our firm conviction. Every entomologist in Eastern Canada, we say "eastern" advisedly, has realized the need of a clearly written and practical bulletin on this insect, which is, of all insects attacking the apple, the most universally destructive. It has remained, however, for Mr. Cæsar to endeavour to supply that need, and he is to be congratulated on the successful manner in which he has accomplished his task. He has added to the increasing list of valuable publications written by members of the staff of the Ontario Agricultural College one which is second to no other in its manner of treatment, simplicity of expression, so important in these bulletins of an educational character, and in the description of the practical methods of control.

The account of the life-history of the moth, which succeeds the introduction, contains many original observations. These, together with the observations of other investigators, increase the utility of the bulletin to no small extent, as so many accounts are mere compilations, and inapplicable to local conditions, which must, of necessity, be studied. The author's experience of orchard conditions in Ontario, and his intimate acquaintance with the practical work of spraying, give the bulletin the impress of authority and a markedly increased value. We are pleased to note his insistence on thorough spraying. In view of the debated question as to the efficacy of the single-spraying for controlling the Codling Moth, the author's experience, in which this method resulted in an average of 90 per cent. worm-free fruit, is worthy of note. As we presume the author is not responsible for the inversion of Figure 4, we will not criticize the only one of twenty-one excellent illustrations to which reference might be made.

We hope that the free distribution of the bulletin by the Department of Agriculture for Ontario will result in a marked increase in the practice of judicious and thorough spraying, the beneficial effect of which will be incalculable.

C. G. H.

Mailed May 12th, 1911.