

BOOK NOTICE.

TWENTY-THIRD REPORT ON OBSERVATIONS OF INJURIOUS INSECTS AND COMMON FARM PESTS DURING 1899.—By Eleanor A. Ormerod, LL.D., F. R. Met. Soc., etc.

Miss Ormerod's last Report, which is the first of a new series, has just come to hand. As usual, it is full of interest to the entomologist, and contains many valuable practical suggestions for the farmer and fruit-grower.

There were, during 1899, complaints of the depredations of the ordinary farm and orchard pests, and also of a few which had been little noticed previously. The value of Dr. Ormerod's Reports to Canadian readers is shown by the large number of injurious insects treated of, which are now common to both Europe and America, or are represented on one continent by species closely allied to kinds with similar habits found on the other.

Cabbage butterflies of three species were very prevalent and destructive. Dusting the plants with a mixture of lime and soot was found to be of no avail, while syringing them with Little's "Antipest" was satisfactory. There is no mention of the simple and very effective remedy of dusting the plants with insect powder and flour, which has been found by far the best remedy in this country. An account is given of good work in lessening injury by collecting the butterflies. This was by the boys at Mr. W. Bailey's Aldersey Grammar School, in Cheshire. In the previous year the boys turned their attention to the caterpillars, and from 240 plants they gathered more than 5,000 caterpillars.

The Cheese and Bacon Fly.—This is the parent of the well-known "skippers" in cheese. These larvæ are also frequently found injuring hams. The remedies proposed are all of a preventive nature, such as the close screening of windows in ham and cheese curing rooms to keep the flies from entering, the frequent rubbing and turning of cheeses during the egg-laying season, and the destruction of the flies in the curing rooms by means of pyrethrum insect powder or the ordinary fly paper. All cracks in cheese should be filled at once with a mixture of flour, butter and pepper.

Portions of cheese or ham that are found to be attacked, should be cut out as soon as possible after observation; and, with regard to cheese, it is recommended that after cutting out the piece, a thorough dusting of