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Fletcher, Rep. Ent. Soc., Ont., 1888, p. 85." It is greatly to be hoped that Mr. Edwards will be able to fulfil his promise to issue yearly supplements, in order that the work may be kept up to date and its usefulness be thus maintained. The price of this work was fifty cents, but the first edition has already been exhausted. It is greatly to be hoped that a new edition will soon be issued, as no working lepidopterist can get on without it.

H. H. LYMAN.

INSECTS AND INSECTICIDES, by Clarence M. Weed. Hanover, N.H., 1891.

Under the above caption Dr. Weed has published a small volume of 281 pages, well printed and copiously illustrated, which will be found most useful by those for whom it is prepared, the farmer, the fruit-grower, the floriculturist and the housekeeper. The work consists of an introduction and six parts. The introduction gives a concise account of the transformations of insects, which are illustrated by the life history of *Papilio Asterias*, the Celery Caterpillar, for those which have a complete metamorphosis, and the Chinch Bug for those who pass through incomplete transformations. The differences between biting and sucking insects are explained, and the natural enemies of injurious insects are treated of. There is then a summary of the different insecticides and the best methods of applying them. The introduction closes with short instructions for collecting and preserving insects.

PART I. Trees of Insects affecting the Larger Fruits—apple, plum, pear, cherry, peach.

PART II.—Insects affecting Small Fruits.—Strawberry, currants and gooseberries, raspberry and blackberry, grape.

PART III.—Insects affecting shade trees, the rose, and house-flowers. Parts I. and III. of Dr. Weed's work have appeared previously in a small edition issued by the Columbus (Ohio) Horticultural Society.

PART IV.—Insects affecting Vegetables.—Tomato, potato, celery, squash, cucumber, bean, pea, cabbage, onion, asparagus and rhubarb.

PART V.—Insects affecting Cereals and Forage Crops—Indian corn, wheat, clover, grass.

PART VI.—Insect Pests of Domestic Animals and the Household.

On the whole this is a very useful and attractive volume, well arranged, easy of reference and well illustrated. The accuracy and quality of Dr. Weed's scientific work are now too well-known to need any comment further than to say that this, his last publication, is up to his usual excellent standard.

J. F.