

Toward the anterior the plates on the margin become broader and the lateral fringing more marked. The rudimentary lobes appear to form the bases of the plates.

Marginal spines situated at the base of each lobe and at intervals between the squames. Semi-lunar pores opening in depressions between the lobes. Dorsal pores rather numerous.

Circumgenital glands in four groups, occasionally five. Anterior laterals 10-14. Posterior laterals 9-12. Anterior group, when present, 1-2. Anal aperture some distance below genital aperture.

Adult male not known.

Habitat: Abundant on bark of orange tree and on a cultivated vine.

BOOK NOTICE.

BULLETIN 171, ONTARIO AGRICULTURAL COLLEGE.

A most compact and useful publication has just been issued by the Ontario Department of Agriculture, as Bulletin 171, entitled, *Insects Affecting Vegetables*, by Rev. Prof. Bethune, and *Fungus Diseases Affecting Vegetables*, by Messrs. J. W. Eastham and J. E. Howitt, of the Ontario Agricultural College.

Though the work consists of but 64 pages, including the index, the grower of vegetables will readily find more information about his most dreaded pests and the best means of combating them than in more pretentious volumes. The first part, dealing with insects, begins by calling attention to a number of kinds of general feeders, such as aphids, cutworms, grasshoppers, which attack almost anything that comes in their way; and then the various vegetables are treated of in alphabetical order, with their special enemies. The attacks of fungus diseases often follow in the wake of insect injuries, and these are referred to in a well-illustrated chapter arranged in the same order as the insects, with treatment recommended for each, but, as the authors say, "Generally speaking, in combating fungus diseases, methods of prevention only are practicable, as once a fungus is within a plant nothing can be done to destroy it." The remaining chapters are devoted to Insecticides and Fungicides, how to manufacture and apply them to the best advantage.

The Bulletin should be read and preserved for ready reference by everyone interested in the growing of vegetables. A. F. W.

Mailed August 9th, 1909.