

white dusted. Thoracic feet brown. No tubercles or setae. Spiracles minute, brown. Central segments long drawn out, the ends contracted.

Stage V. Head lobes produced into high cones as before but each with a blunt low protuberance before and a little inwardly; mossy granular, minutely mottled white, brown and black, finely, pulverulently; width 1.7 mm. Thoracic feet colored like head, short, held close to it. Joint 2 horned with two bark gray points at the tip. A low double blackish lump below the spiracle of joint 6 corresponding to tubercles iv and v, varying in development in different specimens. Ends much contracted, the central part long drawn out, slender. Feet short; anal plate pointed cordate; anal leg shields trilobate. Leaf green, minutely white frosted with dense granules, part of them green; a series of small dorsal intersegmental black-vinous streaks with whitish frosted edges. Tubercles indicated by dark spots, themselves obsolete. Joints 10 to 13 gray and brownish shaded; a dark patch before the foot of joint 10; venter pale. The larva is a remarkable mimic of the young twigs of its food plant, *Condalia ferrea*.

Cocoon an imperfect net of threads between leaves. Pupa light brown with darker cases and a broken dorsal line. Larvae from Palm Beach, Florida; stage I found Feb. 26th, mature larva May 15th, the growth very slow for a subtropical insect. Probably breeds continuously, though much time is spent in

the larval stage. Stage IV in one example lasted four weeks.

NEW ENGLAND ORTHOPTERA.

Mr. Samuel Henshaw sends the following additions (species or localities) to the List of New England Orthoptera published in the September PSYCHE.

Labia burgessi Boston, Mass.

Iscnoptera pennsylvanica Rhode Island.

Nyctobora sericea Springfield, Mass.

Periplaneta australasiae Wellesley, Mass.

Stagmomantis carolina Rhode Island.

Atlanticyba pachymerus Brookline, Mass.

Oecanthus quadripunctatus Cambridge, Blue Hill, and Nantucket, Mass.

Oecanthus nigricornis Jaffrey, N. H., Cambridge and Blue Hill, Mass.

Oecanthus angustipennis Cambridge, Mass.

Oecanthus pini Gloucester, Mass.

Gryllotalpa borealis Vt.

MANTIS RELIGIOSA IN AMERICA.

Prof. M. V. Slingerland has just sent me for determination a female specimen of this insect, reared at Ithaca from eggs received from Rochester, N. Y., where, according to him, "the insect has established itself." It is the first time it has been reported in the New World so far as I know. It occurs in southern Europe and in Asia as far as Hindustan and Java and in Africa as far south as Zanzibar.

S. H. Scudder.

Guide to the Genera and Classification of the Orthoptera of North America north of Mexico. By SAMUEL H. SCUDDER. 90 pp. 8°.

Contains keys for the determination of the higher groups as well as the nearly 200 genera of our Orthoptera, with full bibliographical aids to further study. Sent by mail on receipt of price \$1.00.

E. W. WHEELER, 30 BOYLSTON STREET, CAMBRIDGE, MASS.



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