

turned to thick stout pupae. Abdomen small tapering. Dark brown, the cases a little greenish. Body coarsely punctured, cases shagreened as if irregularly eroded; abdominal segments ridged in front. Cremaster a long spine, widened at base and with two recurved hooks at tip.

Food plant probably locust (*Robinia pseud-acacia*); at least the larvae fed readily on this plant and the moths were taken flying among the trees. Eggs June 10th, mature larvae July 10th. Single brooded, the fall and winter being passed as pupa. Larvae from Washington, D. C.

THE KATYDID'S CALL IN RELATION TO TEMPERATURE.

The following observations on the frequency with which the call of the Katydid (*Cyrtophyllus perspicillatus*) is repeated and their relation to the temperature at the time were made in Milton, Mass., by Mr. Roland Hayward, between August 26th and October 7, and are here printed from his memoranda. The first column gives the date, the second the temperature in degrees of the Fahrenheit scale, the third the number of calls "katydid" or "she did" per minute. In all cases they were counted for at least one minute.

|         |     |    |
|---------|-----|----|
| Aug. 26 | 82° | 89 |
| 27      | 78° | 76 |
| 28      | 67° | 45 |
| 29      | 69° | 46 |
| 30      | 72° | 60 |
| 31      | 70° | 47 |
| Sept. 1 | 66° | 39 |
| 2       | 73° | 58 |
| 3       | 74° | 62 |

|        |               |     |    |
|--------|---------------|-----|----|
|        | 4             | 73° | 60 |
|        | 8             | 68° | 37 |
|        | 9             | 68° | 43 |
|        | 10            | 63° | 20 |
|        | 11            | 73° | 60 |
|        | 12 (windy)    | 68° | 38 |
|        | 13            | 60° | 19 |
|        | 14            | 68° | 35 |
|        | 21            | 67° | 39 |
|        | 22            | 63° | 26 |
|        | 24            | 65° | 35 |
|        | 25            | 58° | 21 |
|        | 26            | 58° | 20 |
|        | 27            | 64° | 32 |
|        | 29            | 60° | 18 |
|        | 30            | 63° | 24 |
| Oct. 1 |               | 58° | 15 |
|        | 4             | 64° | 32 |
|        | 5 (7 P. M.)   | 72° | 58 |
|        | (8.30 P. M.)  | 70° | 47 |
|        | (10.15 P. M.) | 68° | 39 |
|        | 7             | 63° | 30 |

PROCEEDINGS OF THE CLUB.

11 January, 1901. The 217th regular and 24th annual meeting (since incorporation) was held at 156 Brattle St., Mr. A. P. Morse in the chair.

The annual reports of the officers were read. The following officers were elected for 1901: secretary, Roland Hayward; treasurer, Roland Hayward; librarian, Samuel H. Scudder; members at large of executive committee, A. P. Morse, S. H. Scudder.

The annual address of the retiring president, J. W. Folsom, was read, entitled: The distribution of holarctic Collembola,—published in full in PSYCHE.



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