

Mr. Marlatt, who had assisted Mr. Riley in his work on this insect, described more particularly the structure of these perforations, illustrating by blackboard sketches. They are really distinct tubes of a gutta-percha-like appearance and consistency and differing entirely in texture from the remainder of the structure. Inwardly they were closed by a layer of silk so that they really did not perforate the entire cocoon.

In response to a question from Mr. Wallace he stated that he did not think any commercial use could be made of the cocoon.

Mr. Schwarz commented on the present state of our knowledge in the *Phengodini*. We do not know what is a species in *Phengodes*, and probably too many names exist. Of *Zarhipis* we have four named species, which must be reduced to two, *integripennis* and *ruficollis*, the latter including *riverisii* and *piciventris* as colour varieties. Of several eastern species of *Phengodes* it is difficult to get specimens of the male, and we do not even know the male of the species occurring in Maryland and the District of Columbia. Prof. Riley has the only collection containing the larviform females of several eastern species of *Phengodes*; but only one of these, *laticollis*, has been connected with the males.

Mr. Mann asked whether not more than one species existed in Massachusetts. He has described in *Psyche* three forms of larvæ or females that he collected in that State.

Mr. Schwarz replied that he had never seen a male *Phengodes* from Massachusetts; but there was probably only a single species. The three different forms of luminous larvæ described by Mr. Mann may be satisfactorily accounted for by supposing one to be the larviform female imago, the second the larviform pupa of the female, and the third the larva of the male.

On motion the Club adjourned to meet again under the rules at the next meeting of the A. A. A. S.

J. B. SMITH, Acting Secretary.

#### ANNUAL MEETING.

The annual meeting will be held in London at the Society's rooms, Victoria Hall, on Wednesday, 25th Nov. All are invited to attend and contribute papers.

Mailed October 31st.