

Ringe, über der Mitte der letzteren, eine seichte, mehr oder weniger deutliche, kurze Längsfurche wahrnehmbar ist. Die Unterschiede entsprechen der verschiedenen Lage der Fortpflanzungsorgane bei den beiden Geschlechtern«. It is sufficient to say that Wilde like Ratzeburg did not recognise the proper number of abdominal somites, and the position of the male aperture in the penultimate somite; and judging from his words alone, he appears to have known and that not in its full detail, only the Heteroceran type in which the two female apertures are usually confluent.

I may be permitted, perhaps, to make a slight correction in the account given in my previous paper, of the azygos oviduct so far as relates to one particular point. A renewed examination of the specimens has convinced me that the second pair of larval vesicles, the pair that is to say, which developes in the ninth somite, has a twofold fate. The dorsal portion of the vesicles is converted into the sebaceous apparatus, the ventral portion constitutes the posterior extremity of the azygos oviduct itself, and where the ventral portion closes by the fusion of the opposing lips of the aperture, the future oviducal aperture is left at a spot which corresponds to the anterior extremity of the second pair of vesicles, where they pass over into the primitive oviducal furrow.

Museum, Oxford, Dec. 26, 1889.

### 6. External sexual markings of Pupae.

By H. T. Fernald, Amherst.

eingeg. 13. Januar 1890.

On p. 622, No. 322 of the Anzeiger, Prof. Jackson states that the fact that the sex of a given chrysalis can be determined has apparently escaped the notice of all observers.

This statement is not quite correct, for in a paper »Die Weißtannentriebwickler etc.« by Fritz A. Wachtl, published in 1882 at Vienna by Georg Paul Faesy, colored drawings of the pupae of both sexes of several species of Tortricidae are given. I am certain that the fact of the differences in the pupae has been noted by other writers also, but I am unable to give the references, at this writing.

## III. Mittheilungen aus Museen, Instituten etc.

### 1. Linnean Society of New South Wales.

27th November, 1889. — 1) Notes on the Breeding of the Glossy Ibis (*Ibis falcinellus*, Linn.). By K. H. Bennett, F.L.S. The unprecedented

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Artikel/Article: [External sexual markings of Pupae 47](#)