On *Pauropus*, a New Type of Centipede. By Sir JOHN LUBBOCK, Bart., V.P. Linn. Soc., Pres. Ent. Soc., V.P. Ethn. Soc., F.R.S., &c.

[Read December 6, 1866.]

THE subject of the following communication is a small, white, bustling, intelligent, little creature, about $\frac{1}{25}$ of an inch in length, and may be characterized as follows:—

Body composed of ten segments, including the head, convex, with scattered hairs. Nine pairs of legs. Antennæ 5-jointed, bifid at the extremity, and bearing three, long, jointed appendages.

The author has met with this little Centipede in some numbers, among Thysanura, &c., in his kitchen-garden. He was at first disposed to regard it as a larva; but having, during the last three months, had several hundred specimens under examination without finding any in a more advanced condition, and having found spermatozoa in several, he thought there could be no doubt that it is a mature form.

The body is rather narrower in front. The head consists of two segments; the third segment bears one pair of legs; the fourth, fifth, sixth, and seventh two pairs each. Strictly speaking, however, each of these segments is double. The posterior legs are the longest. Each segment, from the third to the seventh, has on the side a pair of strong bristles. There are also several transverse rows of short club-shaped hairs. The eyes are large and oval. The antennæ are very remarkable, and quite unlike those of any other Myriapods. They are 5-jointed and bifid at the extremity. The first four segments are short. The two branches constituting the fifth are longer and unequal. One bears a single appendage, the other two, long, many-jointed appendages. The mouth consists of two pairs of minute organs; the anterior ones toothed, the posterior pointed. Between the second pair of legs are two processes, which probably form part of the generative organs.

The author has been able to trace the development. The smallest specimens met with have three pairs of legs, and the number increases at each moult; but it is remarkable that whereas two pairs are acquired in the first, so that the number rises from three pairs to five, at the subsequent moults a single additional pair only is obtained.

Lubbock, John. 1867. "On Pauropus, a new type of centipede." *The Journal of the Linnean Society of London. Zoology* 9, 179–180.

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