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II. Wissenschaftliche Mittheilungen.

1. Note on the »Segmental Organs« of Serpula.

By William A. Haswell, M.A. B.Sc. Lecturer on Zoology and Comparative Anatomy, Sydney University.

eingeg. 3. December 1884.

The pair of large and conspicuous glands found in the anterior part of the body in the members of this group have been usually regarded as the sole equivalents of the »segmental organs« of other Annelides. Claparède, for example¹, regards excretory ducts for the generative products as being entirely absent — the ova and spermatozoa escaping either by rupture of the body wall or by simple permanent apertures.

The true segmental organs, however, which seem hitherto to have escaped notice, are entirely distinct from the so-called tubiparous glands, and, though of a simple type, are not unlike those of other Annelides². They are pyriform sacs, densely ciliated internally and with delicate walls, occurring in pairs in all the segments of the abdomen. They open externally on the sides of the segments by slit-like apertures bordered by strong cilia, and, presumably, open also into the body-cavity, though I have not succeeded in finding the internal

¹ »Recherches sur la Structure des Annélides Sédentaires«, p. 132—135.

² Claparède asserts the contrary very strongly. »Il est certain qu'il ne se présente nul part chez les Serpuliers d'organes segmentaires de la forme typique.« (I.e. p. 135.)

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