





"The male is transparent as glass; ... In the lower part we have an eye, & great testis & vesticula seminalise: in the capitulum we have nothing but a tremendously long penis coiled up & which can be exserted. There is no mouth no stomach no cirri no proper thorax! The whole animal is reduced to an envelope (homologically consisting of 3 first segments of head) containing the testes, vesticula, & penis. In male Ibla, we have hardly any cirri or thorax; in some male Scalpellums no mouth; here both negatives are united... I believe the males occur on every female: in one case I found 12 males & two pupae on point of metamorphosis permanently attached by cement to one female." (Charles Darwin to Albany Hancock, 12th February 1853.)





















































































































































































