

XI. *The comparative anatomy of the male genital tube in Coleoptera.* By D. SHARP, M.A., F.R.S., and F. MUIR, F.E.S.

[Read February 7th, 1912.]

PLATES XLII-LXXVIII.

ARRANGEMENT OF MEMOIR,

- I. INTRODUCTORY.
- II. ORISMOLOGY AND TECHNIQUE.
- III. MORPHOLOGY.
 - A. ANATOMY.
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- V. TAXONOMY AND PHYLOGENY.
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I. INTRODUCTORY.

THE object of this memoir is to review the structure of the male genital tube throughout the Order Coleoptera. This is not equivalent to a review of the male copulatory organs. The modifications of the abdomen itself are extremely extensive and varied, but we have perforce omitted them, because the time at our disposal was scarcely adequate for the accomplishment of the work, the results of which are here presented.

Mr. F. Muir, having returned to England for a year's vacation in order to recruit his health after a long period of arduous entomological work in the tropics, joined the senior author at Brockenhurst, and the two combined their efforts for the production of this memoir.

A work of the kind is almost indispensable in the present state of Coleopterology, and the authors hope that it will be received as a much needed contribution to a great subject. A subject too as to which, notwithstanding its slight advancement, great misconception is prevalent.