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Journal of Morphology, 1893, Vol. 8 (Classic Reprint)

By Wistar Institute of Anatomy and Biology

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from Journal of Morphology, 1893, Vol. 8 The very primitive and synthetic character of the Orthoptera has long been recognized by systematists and comparative anatomists, but the full importance of the group from an embryological standpoint has been but little appreciated, owing to the meagre and fragmentary nature of the observations hitherto published. For this reason I have made the Orthoptera the starting point of my studies, with a view to determining their relations, on the one hand to the Apterygota and on the other to the higher Pterygote orders. Only a portion of the evidence bearing on these relationships is presented in the following paper; a number of observations on the Malpighian vessels, corpus adiposum, cenocyte-clusters and abdominal appendages will be published as separate papers. I have devoted more attention to Xiphidium than to other Orthoptera, partly because the Locustidae occupy a somewhat central position in the order, and partly because this curious form exhibits in its embryology better than any other insect hitherto studied, the co-existence of certain very ancient with very modern characters....



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