

EXPLANATION OF FIGURES.

PLATE I.

- Fig. 1. Plan of part of the inner right side of the skeleton showing the endoskeletal structures and the attachment of the muscles. External sclerites are dotted, the internal sclerites and processes are shaded black, tendons are cross-hatched and the attachment of the muscles outlined with dotted lines.

PLATE II.

- Fig. 2. Ventro-caudal view of the epieranium showing the tentorial plates.
Fig. 3. Inner view of the right half of the extremity of the female abdomen.
Fig. 4. The mandibles and their muscles. On the left side several layers of the adductor are removed to show the tendons, on the right side the adductor is cut across to show its thickness.
Fig. 5. Front view of the head with the labrum, clypeus and front removed to show the heads of the adductors of the mandibles, the antennal muscles and the dilators of the oesophagus and pharynx.
Fig. 6. Longitudinal section through the head.
Fig. 7. The muscles of the labrum.
Fig. 8. Longitudinal section through the lateral side of the labrum, clypeus and part of the front.
Fig. 9. Same through the median line.
Fig. 10. Longitudinal section through the basal joints of the antenna.
Fig. 11. Portion of front of head showing the antennal muscles.

PLATE III.

- Fig. 12. Head with the greater part of the epieranium and internal tissues removed to expose the muscles of the maxillae.
Fig. 13. Ventro-caudal view of the head with the labium and gular region removed.
Fig. 14. Muscles of the maxilla.
Fig. 15. External muscles of the maxilla.
Fig. 16. Caudal view of the head with the integument of the mentum and submentum removed exposing the labial and maxillary muscles.
Fig. 17. The muscles of the labium.
Fig. 18. The cervical muscles.
Fig. 19. External cervical muscles.

PLATE IV.

- Fig. 20. The inner layer of thoracic muscles, right side.
Fig. 21. (A) The outer layer of thoracic muscle. (B)* The outer layer of the mesothoracic muscles of the male.

PLATE V.

- Fig. 22. The articulation of the mesothoracic leg with the episternum and the sternum showing the fifth lateral muscle of the mesothorax.
Fig. 23. Inner side of the anterior face of the right metathoracic leg.
Fig. 24. Anterior face of the coxa of metathoracic leg with the extensors of the femur removed to show the flexors.
Fig. 25. Anterior face of left mesothoracic leg.
Fig. 26. Posterior face of the coxa and trochanter of the same.
Fig. 27. Ventral view of the claws and their flexing apparatus.
Fig. 28. Enlarged metathoracic longitudinal dorsal muscle of longwinged female.
Fig. 29. The nototrochanteric extensor of the femur.
Fig. 30. The notocoxal flexor.
Fig. 31. The notocoxal extensor.