EXPLANATION OF PHOTOMICROGRAPHS

1. L.S. Second Instar Larva (Female).
2. L.S. Third Instar Larva (Male).
3. L.S. Third Instar Larva (Female).
4. A section of the Fourth Instar Larva showing the origin of the Malpighian Tubules.
5. A part of the Mid Gut wall of the Fourth Instar Larva.
7. T.S. Ileum of the Fourth Instar Larva.
8. T.S. Colon of the Fourth Instar Larva.
9. L.S. passing through the Colon and Rectum of the Prepupa.
10. L.S. Salivary Gland of the Fourth Instar Larva.
10A. L.S. of the Embryo showing the Hind Gut and the Malpighian Tubules.
11. L.S. Malpighian Tubule of the Third Instar Larva.
12. L.S. Malpighian Tubule of the Fourth Instar Larva.
13. Associated parts of the Malpighian Tubules of the Fourth Stage Larva seen in the perirectal space.
14. T.S. Malpighian Tubule of the Pupa.
15. Surface of the Heart.
16. L.S. Heart and the Nephrocytes.
17. Male Genital invagination of the First Instar Larva and the Ampulla.


20. Male Genital Invagination of the Fourth Instar Larva.


22. Testes and the Lateral Vasa Deferentia of the Fourth Stage Larva.

23. Testes, Lateral Vasa Deferentia and the Common Vas Deferens of Prepupa.

24. Male Genital Invagination and the Ampulla of the Fourth Stage Larva.

25. Female Genital Invaginations of the Second Instar Larva.


27. Female Genital Invaginations of the Third Stage Larva.

28. L.S. Fourth Stage Larva, showing the Female Genital Invaginations.

29. L.S. Late Fourth Instar Larva, showing an approximation of the Female Genital Invaginations.

30. L.S. Ovariole of the Fourth Stage Larva.

31. L.S. Prepupa showing the Female Genital Ducts.

32. Female Genital Ducts of the Early Pupa, showing the origin of the Spermathecal Invagination and the Obliteration of the lumen in the Oviducal Invagination.
33. L.S. Ovariole and the Egg Calyx of the Pupa.

34. Female Genital Ducts in the Late Pupa.