METHOD OF PREPARING GENITALIA & DIAGRAMS

Male Genitalia
The organs of the reproductive system are called as genitalia. First genitalial study was carried out by Edward (1878) first reported the value of the concealed male genital structure in differentiating species; thus the method followed by subsequent workers is now well established and is the basis for the modern taxonomic work.

Method of Preparing Genitalia & Diagrams

**Step 1 Maceration**

1. Adult Male
2. Separate Abdomen with the help of pin
3. Separated Abdomen
4. Heating
   a. Place abdomen in Test Tube containing 10% Potassium Hydroxide
   b. Put test tube in beaker containing water.
   c. Place Beaker on Hot Plate for 15 minutes or more depending on insects.
5. Wash abdomen with water or Glacial Acetic Acid
6. Lateral View of Abdomen Ready for Study

Step 1 Maceration
PARTS OF GENITALIA

- Dorsal
- Anal Tube
- Pygofer
- Spine
- Connective
- Aedeagus
- Valve
- Setae
- Style
- Male Plate
Step 2 Dissection and Preparing line drawing

Step 3 Line drawing
Figure a-h: *Varta rubrofasciata* Distant 1908: a, head and thorax, b, forewing, c, pygoger lateral view, d, pygoger dorsal view, e, style, f, aedeagus lateral view, g, aedeagus dorsal view, h, second valvulae.
Step 4
Mounting and labeling

Step 5
Safely store in Museum cabinets
A-D, Deltocephalinae: A, dorsal habitus. B, head, anterior view (face). C-D, apex of male abdomen, lateral and ventral views, respectively.