

Joachim:

1. Steve is right, but one should add the variation in genitalia nomenclature has more to do with various authors (such as the Canadians (both Graham Griffiths and the Monty Wood Ottawa group) investing theory of evolution into the basis for their nomenclature.

Years ago (1990s) I proposed a theory neuter set of names for flower flies. See my attached glossary. The names from top down, are 1) cercus (cerci) for the pair structures on either side of the anus; 2) epandrium for the large dorsal segment; 3) surstylus (surstyli) for the paired clasping structures; 4) surstyler apodeme for the internal support for muscles to the surstylus; 5) hypandrium for the ventral tube structure what contains 6) the aedeagus and aedeagal apodeme, and has on either side of the apical 7) aedeagus, the 8) superior lobes, which may or may not be articulated; and 9) finally the ejaculatory apodeme, the free sclerotized structure associated with the sperm duct, etc.

