Abstract

The Heteroptera scent glands system is formed by larval dorso-abdominal glands (= DAGs) and adult metathoracic glands (= MTGs). The present study deals with a summary about occurrence of DAGs which are functional not only in larval but also in adult bugs, either proved or very likely. The part of general characteristics includes information about morphology, histology and functions of DAGs. The systematic review of published cases of DAGs’ persistence in the adult stage represents the main part of the study. Recapitulations about possible positions of adult persistent DAGs and the characters used to prove gland functionality conclude the study. Based on the list of persistent adult DAGs, it is evident that they can be functional more often than was supposed. The DAGs functionality within heteropteran adults seems to be relatively widespread phenomenon, particularly in regards to a life in terrestrial environment.