A comparative morphological study of preimaginal stages (larvae and pupae) of Calliphora vicina Robineau-Desvoidy, 1830 is presented. Our results focus on showing the changes observed throughout development for the most important structures in the cephalic region (sensilla of maxillary palpus, antennae and oral ridges), the thoracic region (the first segment and its anterior spinose band) and in the anal division of the abdominal region (posterior spiracles and shape of the papillae). For the morphological comparison of larval instars I, II and III, and pupae of C. vicina, different larval regions (cephalic, thoracic and abdominal, including anal division), as well the internal chitinised cephalopharyngeal skeleton, were considered separately. The entomological samples came from laboratory colonies bred under controlled environmental conditions (25 oC and 60% relative humidity).

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