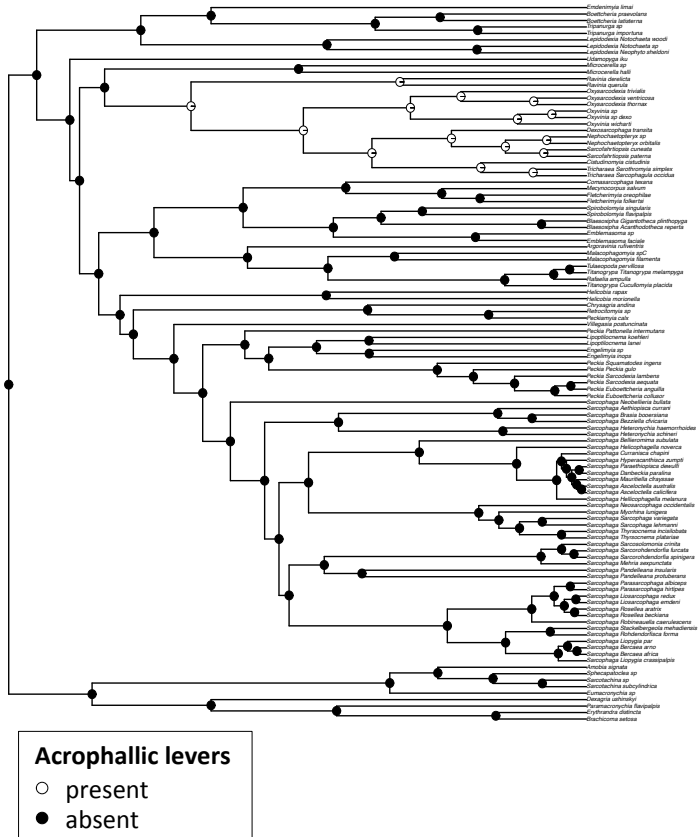Additional file 11. Evolution of the acrophallic levers in Sarcophagidae. Ancestral character state reconstruction for acrophallic levers using maximum likelihood and the *rayDISC* function in the R package *corHMM*. Only reconstruction of the best fitting model (ER) is shown. Pie proportions represent state probabilities estimated for each internal node. Character states are indicated in insets at the bottom.