



Fig S1. Ordination plot for canonical axes 1 and 2 representing differences in morphology between the RA4 and CuJ vein regions in 17 Scarabaeinae species. A. RA4 vein region. B. CuJ vein region (veins CuA plus J). C and D. Deformation grids for variation on CVA 1 with respect to the consensus shape for (C) RA4 and (D) CuJ.