



Figure S2. Estimated and observed configurations of vein regions RA4 and CuJ (CuA and J) for 18 scarabaeine species mapped onto the TNT morphological phylogeny with reference numbers for nodes below branches and Procrustes distances between configurations on adjacent nodes above branches. Vectors marked in black represent changes in shape from the ancestral configurations. Configurations in descendants are shown at the ends of branches. Shapes and values for RA4 are followed by those for CuJ.