SUPPLEMENTARY MATERIAL

**Figure 1.S:** True skill statistic (TSS) performed on the replicates for each species. References: mod, number of model replicate; values close to 1 indicates perfect agreement, values near zero indicates a performance no better than random.
**Figure S2**: PCA biplot of environmental space for Holocene scenario. References: barycentre for each factor level: square; blue: *T. oculatus*; green: *T. teyou* and red: *T. suquiensis*. 
**Figure S3:** PCA biplot of environmental space for Present scenario. References: barycentre for each factor level: square; blue: *T. oculatus*; green: *T. teyou* and red: *T. suquiensis*. 
Figure S4: PCA biplot of environmental space for Future scenario. References: barycentre for each factor level: square; blue: *T. oculatus*; green: *T. teyou* and red: *T. suquiensis*. 