

Figure S1: Allele frequencies by population with over loci

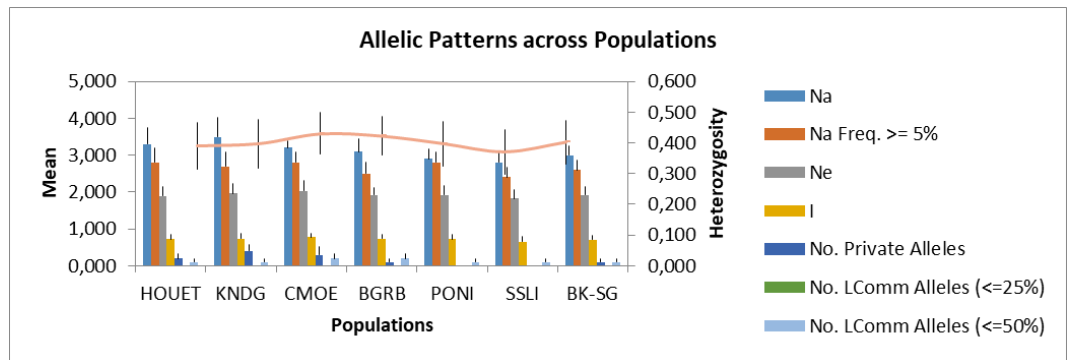


Figure S2: Allelic patterns across populations

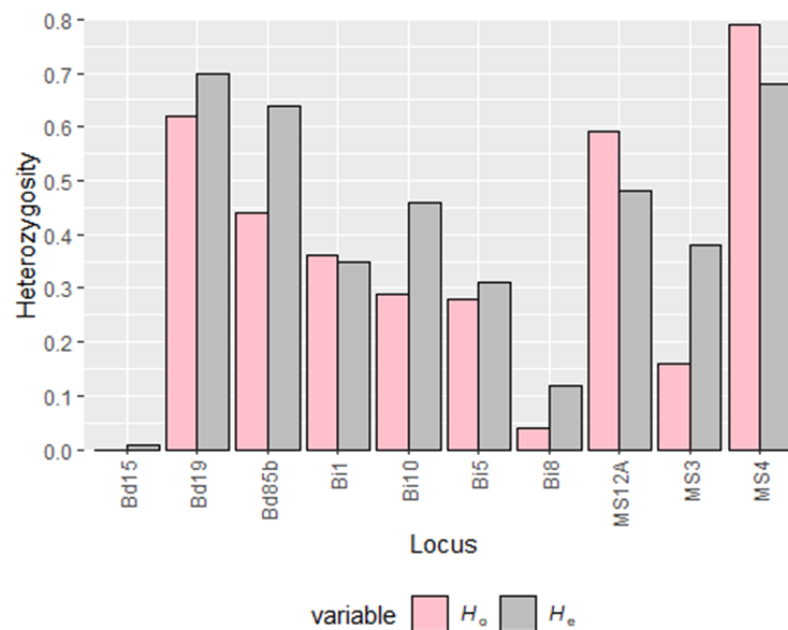
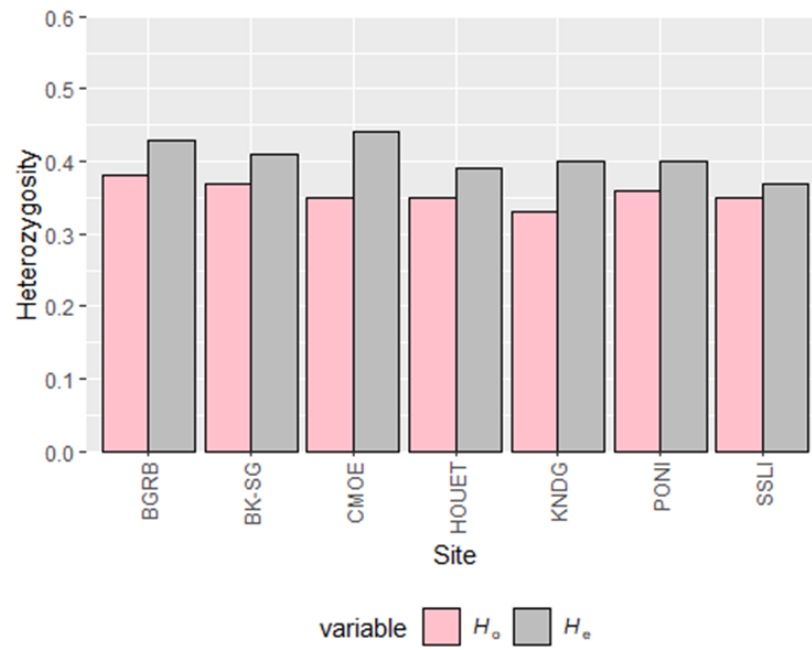
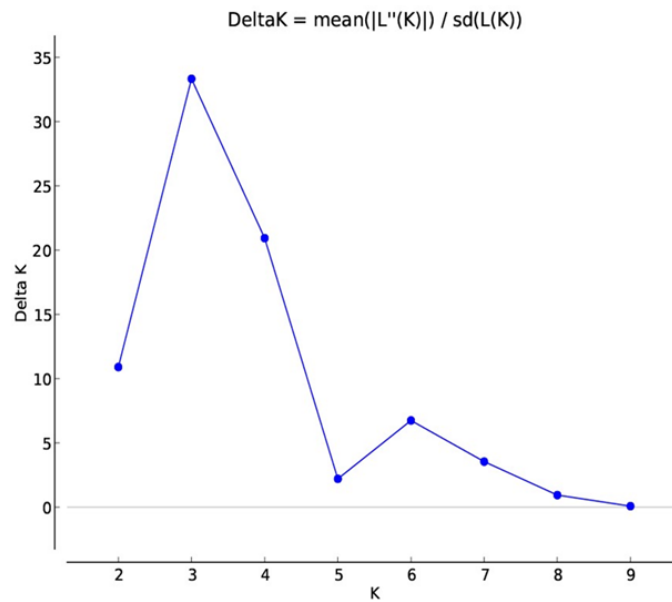


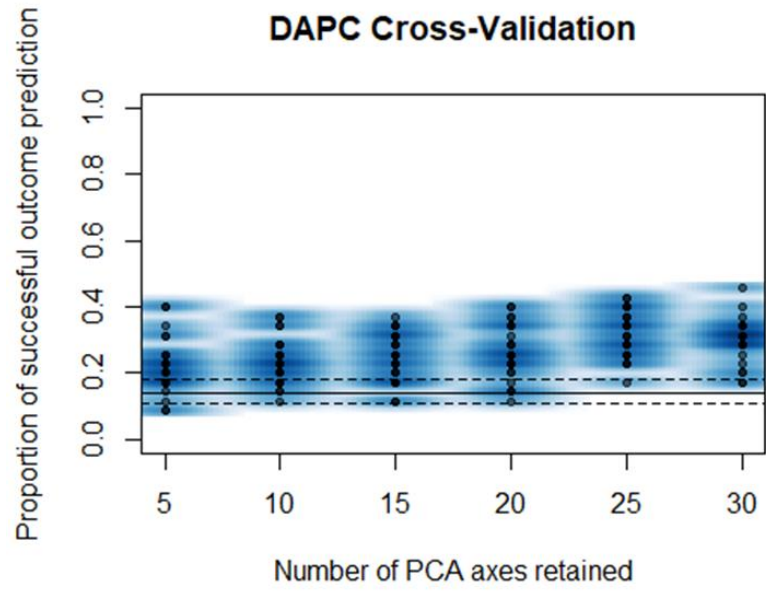
Figure S3: Comparison of observed and expected heterozygosity averages by locus



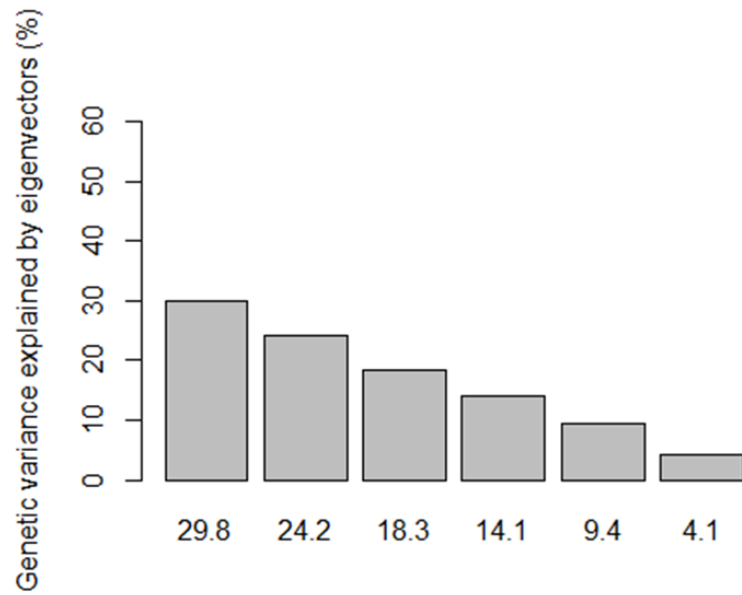
**Figure S4:** Comparison of observed and expected heterozygosity averages by sub-population



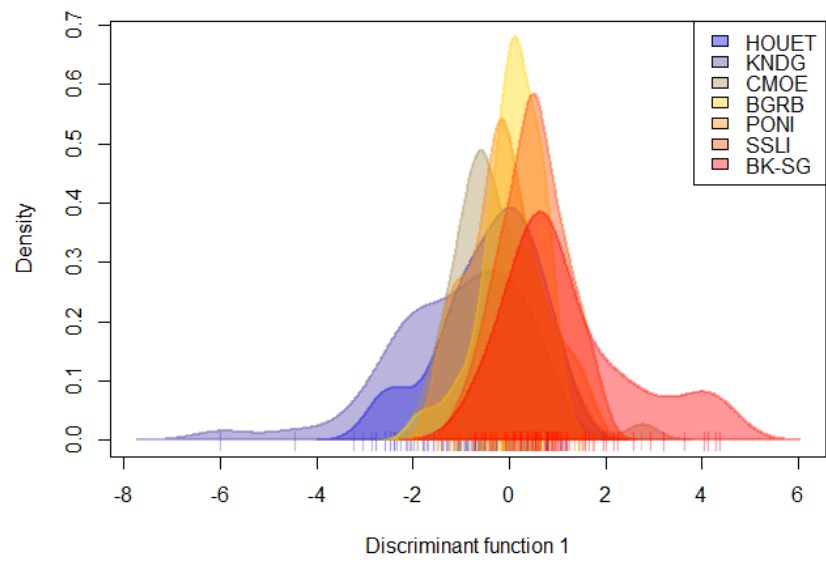
**Figure S5:** Evanno et al. (2012) plots for detecting the best number of K value.



**Figure S6:** DAPC cross-validation plot for the best number of PCs



**Figure S7:** Genetic variance explained by eigenvectors



**Figure 8.** Individual density plot on the first discriminant function.