

Table 3 Estimates of genetic variability indexes per population using with 23 microsatellite loci

Genetic group	TNA/ population	Alleles/locus (MNA)	Corrected Alleles/locus (N_e)	Heterozygosity		HWE deviation	F_{IS}
				Observed (H_o)	Expected (H_e)		
ALG	116	5.04	2.57	0.46	0.48	6 loci	0.019
AHG	114	4.95	2.68	0.434	0.485	10 loci	0.085*
BG	110	5.5	3.03	0.636	0.574	7 loci	-0.105
NLHG	100	5	2.93	0.563	0.489	7 loci	0.058

Note: *($P < 0.05$), TNA, Total number of alleles; MNA, mean number of alleles; HWE, Hardy-Weinberg Equilibrium; F_{IS} , Inbreeding coefficient within each population off course