

Table S10. Genetic diversity parameters of 40 populations based on cpDNA sequences.

<i>Parameter</i>	H_d	P_i	H_S	H_T	G_{st}	V_S	V_T	N_{st}
a	0.773	0.002	0.636	0.776	0.180	0.342	0.469	0.269
b	0.702	0.001	0.624	0.752	0.170	0.601	0.752	0.201

Abbreviations: a. including all chloroplast DNA data set Single mutation. b. all chloroplast datasets without single mutation. H_d . haplotype diversity; P_i : nucleotide diversity; average gene diversity within populations (H_S), total gene diversity (H_T), inter-population differentiation considering only haplotype frequency (G_{ST}), and inter-population differentiation considering both haplotype frequency and phylogenetic relationships among haplotypes (N_{ST}). These estimates were calculated with PERMUT based on cpDNA haplotypes, using a permutation test with 1,000 replicates.