Table S11 Analyses of molecular variance (AMOVAs) based on cpDNA data for populations of *P. serrulata* and *P. xueluoensis*

Source of variation	d.f.	Sum of Squares	Variance components	Percentage of variation	Fixation Indices	G_{st}/N_{st}
Among all species	1	16.443	0.07408	4.94		
Among populations within species	12	172.401	0.48919	27.71	F_{sc}=0.31111 F_{st}=0.27705	0.317/0.400 P<0.05
Within populations	328	447.816	1.08321	67.35	F_{ct}=-0.04944	
Total	341	636.660	1.64648			
Among populations within *P. serrulata*	4	32.385	0.31823	21.07	F_{st}=0.20900 (P>0.001)	0.254/0.103 P<0.05
Within populations	105	126.769	1.20745	78.93		
Total	109	159.155	1.52668			
Among populations Within *P. xueluoensis*	7	129.727	0.60077	29.86	F_{st}=0.2930 (P>0.001)	0.366/0.268 P<0.05
Within populations	222	321.047	1.44639	70.14		
Total	229	450.774	2.04716			