

Table S6. The true K value was determined using both an estimate of the posterior probability of the data for a given K and the Evanno ΔK [26, 27] in 13 *Liriodendron* provenances

	mean K	STDEV	L'K	L"K	L"K	ΔK
1	-3834.405	1.40318247				
2	-3161.625	0.48108977	672.78	-604.36	604.36	1256.23124
3	-3093.205	10.1272678	68.42	-3.115	3.115	0.30758543
4	-3027.9	2.19473053	65.305	-54.245	54.245	24.7160183
5	-3016.84	5.30584583	11.06	-1.795	1.795	0.3383061
6	-3007.575	7.76719654	9.265	-9.52	9.52	1.22566745
7	-3007.83	29.1551404	-0.255	-95.3	95.3	3.26872033
8	-3103.385	50.7136987	-95.555	32.045	32.045	0.63188055
9	-3166.895	51.9469312	-63.51	65.62	65.62	1.26321225
10	-3164.785	37.4642605	2.11	-9.96	9.96	0.26585337
11	-3172.635	47.8796438	-7.85	-14.12	14.12	0.29490612
12	-3194.605	42.684232	-21.97	3.37	3.37	0.07895187
13	-3213.205	44.6489992	-18.6			