

Table S1. Description and geographical location of the sampled populations

Population	Province	N	Latitude (N)	Longitude (W)	Altitude (m)
Santa María Trassierra	Córdoba	29	37°55'23"	4°50'51"	515
Sierra Norte	Sevilla	14	37°54'55"	5°37'45"	680
Gaucín	Málaga	16	36°32'20"	5°18'34"	730
Santa Elena	Jaén	10	38°25'04"	3°33'37"	800
Pujerra	Málaga	12	36°35'38"	5°08'37"	870
Güejar	Granada	15	37°08'58"	3°25'50"	1144
Paterna	Almería	15	37°01'26"	2°56'34"	1160
Bubión	Granada	15	36°56'46"	3°21'08"	1400

Table S2. The hierarchical AMOVA calculated for Andalusian chestnut populations.

Source of variation	df	SS	Variance of variation	Percentage
Among populations	7	4303.325	15.332	9.89%
Within populations	244	34088.798	139.708	90.11%
Total	251	38392.123	155.040	

df, degrees of freedom; SS, sum of squares