



**Supplementary Figure.** Admixutre analyses identify a small number of genetic groups in the collection of *P. nigra* from 13 geographic populations. (A) The observed likelihood values for the set of  $K=\{1:13\}$  genetic groups tested using MCMC simulations. The value where the rate of increase in likelihood diminishes without an increase in variance corresponds to  $K=5$ . (B) The delta-K method of Evanno et al. (2005) indicates two genetic groups to be present.