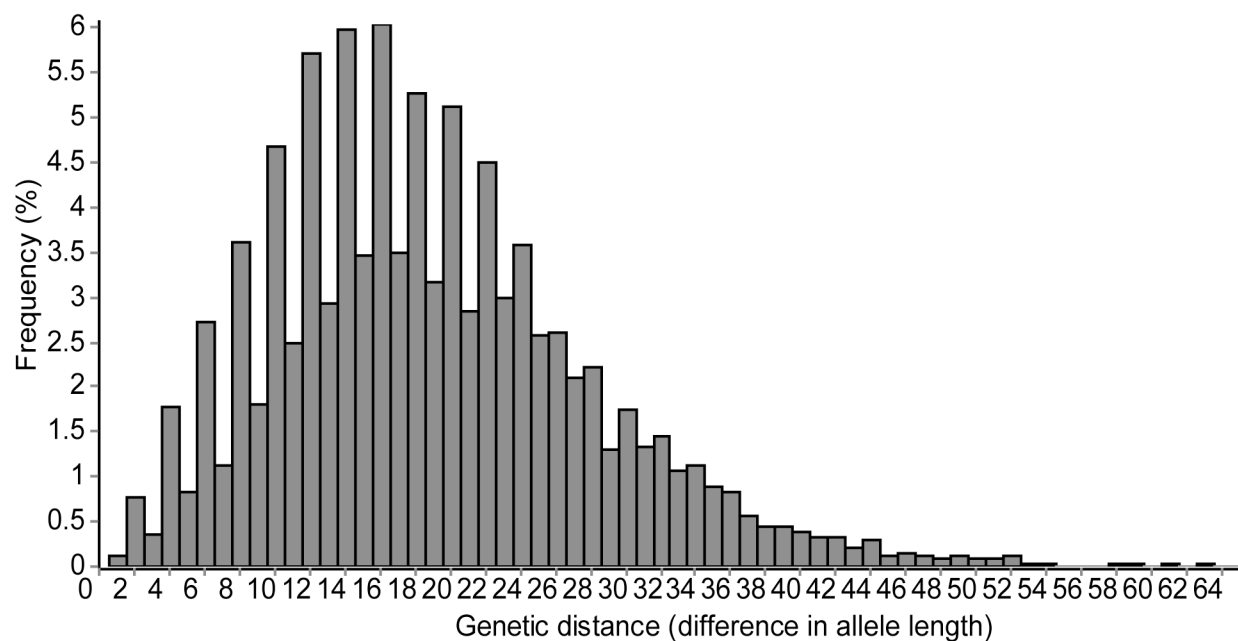
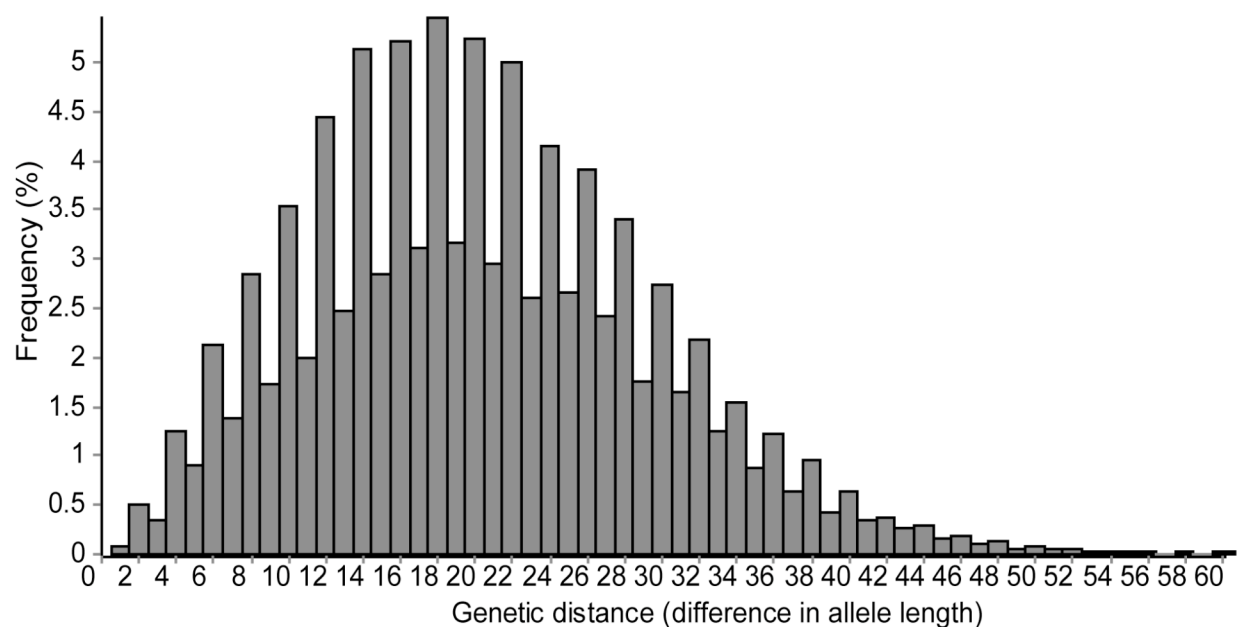
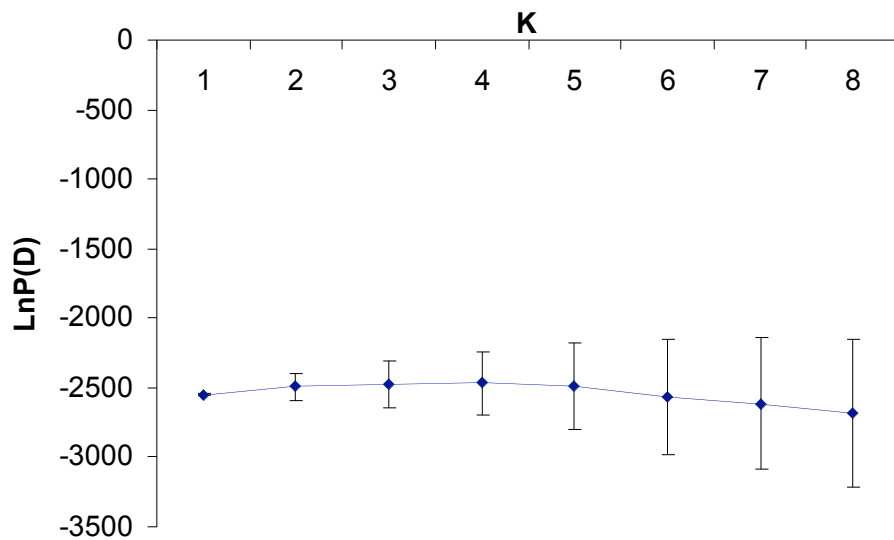


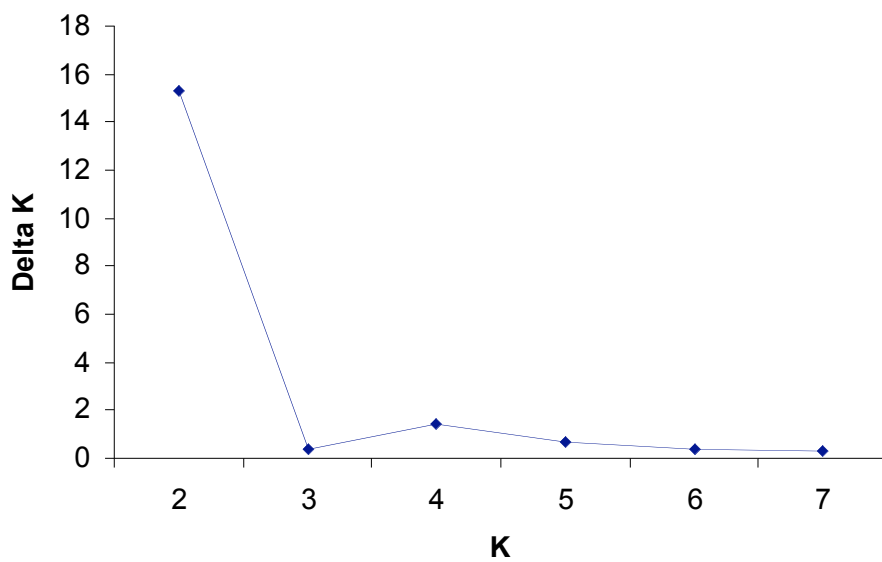
**Supplemental Figure 1** Saturation curves displaying the frequency of occurrence of given pairwise genetic distances between samples. The propensity for genetic distances to be even numbers is an artifact of our microsatellite markers being dinucleotide repeats. (a) Population samples, (b) depth samples.



**Supplemental Figure 2** Results from STRUCTURE for population samples. (a) Log-likelihood of the probability of each  $K$  genetic clusters given the data. (b)  $\Delta K$  for each increase in the estimate of the number of genetic clusters  $K$ . The mode of the curve of  $\Delta K$  indicates the most likely number of genetic clusters  $\leq 2$ .

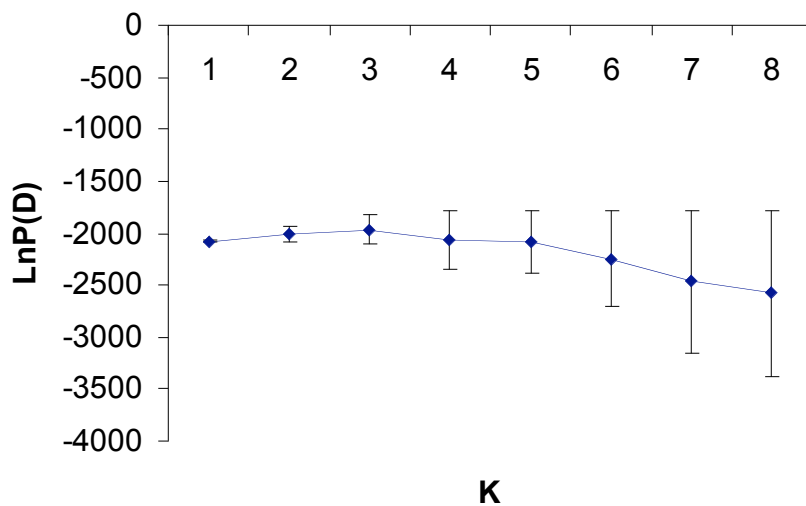


(a)

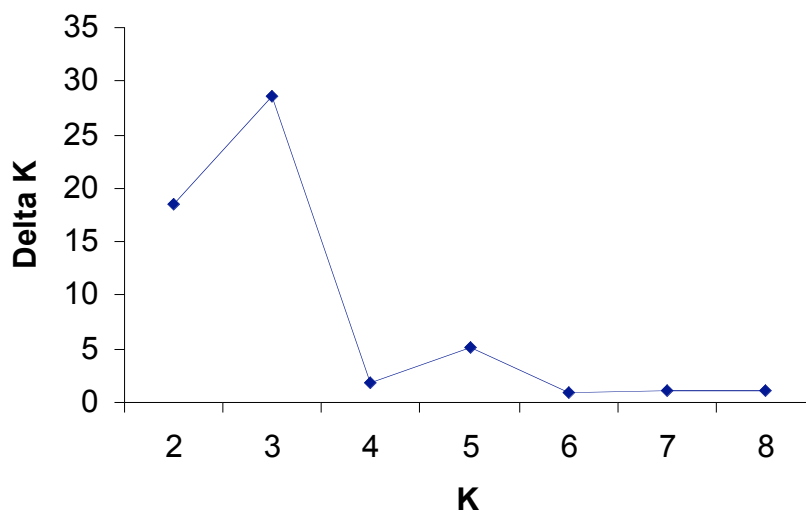


(b)

**Supplemental Figure 3** Results from STRUCTURE for depth samples. (a) Log-likelihood of the probability of each  $K$  genetic clusters given the data. (b)  $\Delta K$  for each increase in the estimate of the number of genetic clusters  $K$ . The mode of the curve of  $\Delta K$  indicates the most likely number of genetic clusters = 3.



(a)



(b)

**Table S1** Pairwise  $F_{ST}$  values among population samples using the dataset in which all but one of each identical multilocus genotype was removed from each population. Bold,  $P < 0.001$ , \*\* $P < 0.005$ .

	PSP	KB	CB	BFI	RB	AI
PSP	—					
KB	<b>0.051</b>	—				
CB	<b>0.084</b>	<b>0.066</b>	—			
BFI	0.046**	<b>0.086</b>	<b>0.064</b>	—		
RB	<b>0.089</b>	<b>0.076</b>	<b>0.079</b>	<b>0.159</b>	—	
AI	<b>0.135</b>	<b>0.069</b>	<b>0.131</b>	<b>0.186</b>	<b>0.088</b>	—

**Table S2** Pairwise  $F_{ST}$  values among depth samples (S, shallow, or D, deep) using the dataset in which all but one of each identical multilocus genotype was removed from each population.

Bold,  $P < 0.001$ , \* $P < 0.05$ .

	PSP-S	PSP-D	CB-S	CB-D	BFI-S	BFI-D
<b>PSP-S</b>	—					
<b>PSP-D</b>	-0.013	—				
<b>CB-S</b>	<b>0.072</b>	<b>0.061</b>	—			
<b>CB-D</b>	<b>0.105</b>	<b>0.090</b>	-0.011	—		
<b>BFI-S</b>	0.038*	0.014	<b>0.074</b>	<b>0.099</b>	—	
<b>BFI-D</b>	<b>0.054</b>	0.023*	<b>0.077</b>	<b>0.098</b>	-0.004	—