



Figure S2. Scatterplot expected heterozygosity, unique allele richness and arc surface distance from the most eastern sample. A least-square regression line represents the relationship between the two variables. Significance of the correlation was tested using Spearman's  $r$  (expected heterozygosity:  $r=-0.66$ ,  $P<0.0001$ ; unique allele richness:  $r=-0.58$ ,  $P<0.0013$ ).