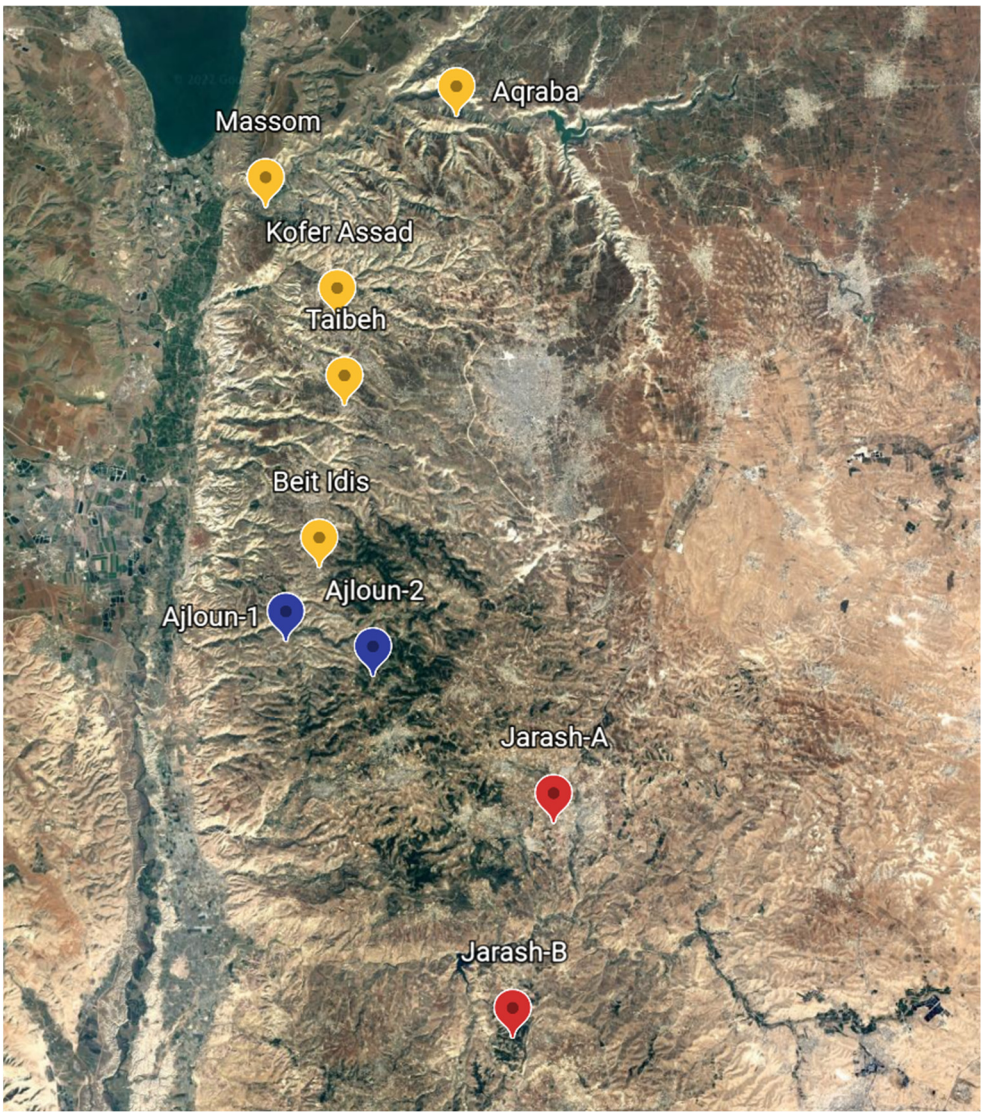


Figure S1. Map showing collection sites in the north of Jordan (Source: Google Earth, 2022).

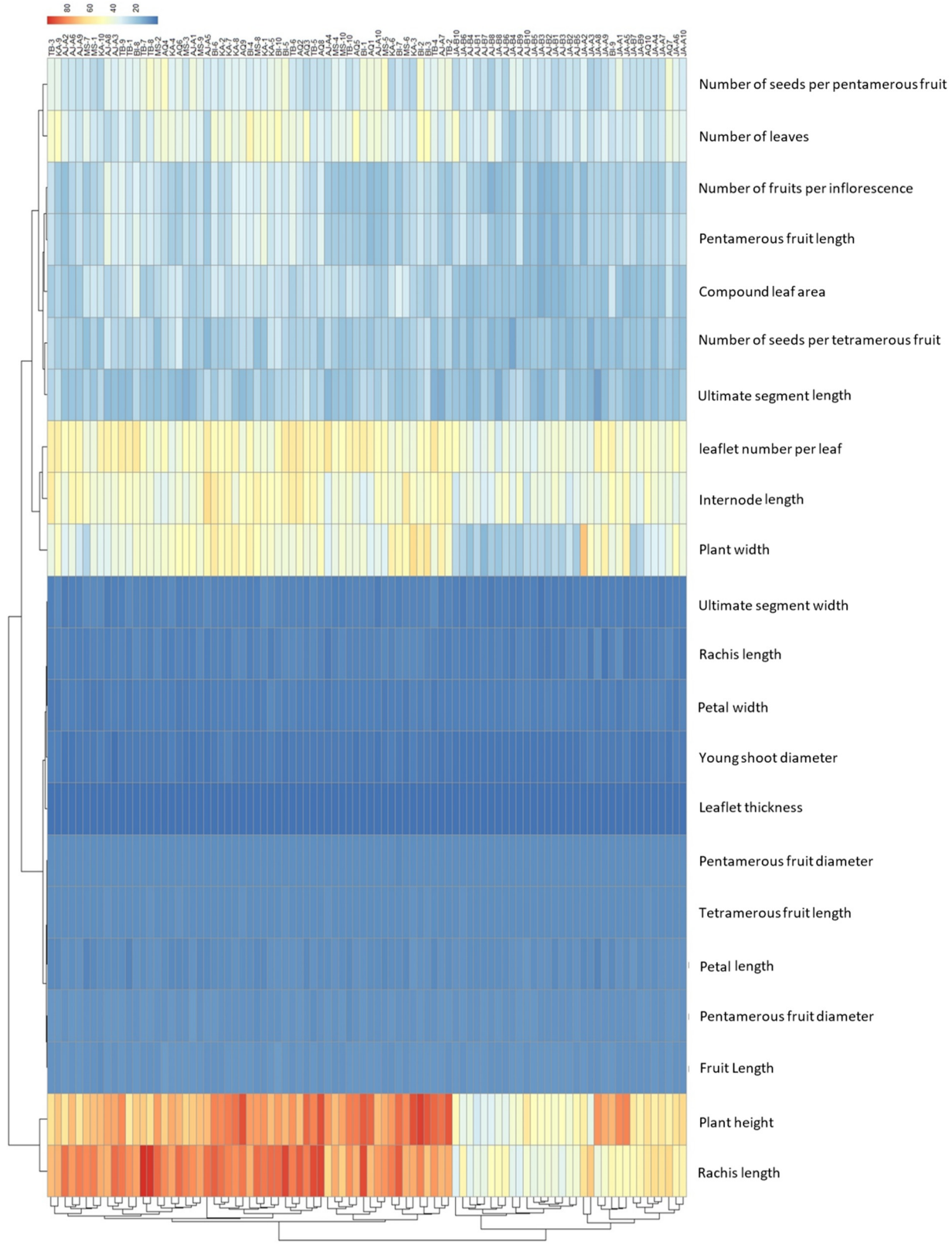


Figure S2. Heatmap clustering based on the morphological traits of 90 individuals of *R. chalepensis* collected from north of Jordan. (BI: Beit Idis, MS: Massom, KA: Kofer Assad, AQ: Aqraba, TB: Taibeh, AJ-A: Ajloun-A, AJ-B: Ajloun-B, JA-A: Jarash-A and JA-B: Jarash-B).

Table S1. Comparisons of the *Fst* indices among nine *R. chalepensis* populations collected from north of Jordan.

	Beit Idis	**Massom**	**Aqraba**	**Kofer Assad**	**Taibeh**	**Ajloun-A**	**Ajloun-B**	**Jarash-A**	**Jarash-B**
Beit Idis	0.000								
Massom	0.193	0.000							
Aqraba	0.087	0.147	0.000						
Kofer Assad	0.244	0.138	0.224	0.000					
Taibeh	0.376	0.225	0.360	0.128	0.000				
Ajloun-A	0.170	0.260	0.216	0.314	0.380	0.000			
Ajloun-B	0.165	0.194	0.204	0.155	0.248	0.191	0.000		
Jarash-A	0.204	0.303	0.213	0.305	0.424	0.228	0.120	0.000	
Jarash-B	0.480	0.524	0.517	0.445	0.485	0.557	0.367	0.432	0.000