

SupplementaryTable 4. Correlation coefficients between 19 climatic variables extracted for the distribution ranges of studied Bromelioideae species. Bold font highlights the absolute values greater than 0.75. Variables in bold were omitted in the PCA as well as regression analyses.

	Bio1	Bio2	Bio3	Bio4	Bio5	Bio6	Bio7	Bio8	Bio9	Bio10	Bio11	Bio12	Bio13	Bio14	Bio15	Bio16	Bio17	Bio18	Bio19	
Bio1	X																			
Bio2	-0.412	X																		
Bio3	-0.412	-0.024	X																	
Bio4	0.372	0.276	-0.882	X																
Bio5	-0.548	0.227	-0.194	-0.061	X															
Bio6	0.184	-0.576	0.447	-0.705	0.277	X														
Bio7	0.928	0.761	-0.556	0.805	-0.044	-0.825	X													
Bio8	-0.593	-0.279	0.143	-0.268	0.180	0.760	-0.335	X												
Bio9	0.899	-0.486	0.495	-0.693	0.176	0.937	-0.733	0.689	X											
Bio10	0.929	-0.397	0.099	-0.242	0.130	0.795	-0.378	0.934	0.804	X										
Bio11	0.941	-0.414	0.540	-0.727	0.207	0.965	-0.716	0.809	0.958	0.837	X									
Bio12	0.971	-0.282	0.436	-0.429	-0.056	0.388	-0.412	0.212	0.381	0.220	0.382	X								
Bio13	0.308	0.097	0.233	-0.297	0.421	0.251	-0.151	0.108	0.245	0.081	0.251	0.751	X							
Bio14	0.174	-0.452	0.269	-0.367	0.095	0.432	-0.537	0.166	0.345	0.182	0.337	0.779	0.411	X						
Bio15	0.268	0.617	-0.089	0.230	-0.011	-0.401	0.566	-0.161	-0.256	-0.179	-0.255	-0.414	0.036	-0.795	X					
Bio16	-0.219	-0.002	0.352	-0.289	-0.047	0.192	-0.127	0.143	0.242	0.139	0.247	0.876	0.871	0.422	0.035	X				
Bio17	0.194	-0.469	0.295	-0.384	0.071	0.447	-0.556	0.175	0.364	0.193	0.353	0.803	0.425	0.996	-0.797	0.447	X			
Bio18	0.282	0.054	-0.001	0.100	-0.078	-0.130	0.122	0.048	-0.229	-0.097	-0.132	0.635	0.523	0.443	-0.139	0.640	0.443	X		
Bio19	-0.132	-0.496	0.427	-0.525	0.025	0.525	-0.631	0.128	0.555	0.245	0.463	0.815	0.553	0.774	-0.543	0.595	0.801	0.184	X	

Bio1 Annual mean temperature

Bio2 Mean diurnal range

Bio3 Isothermality

Bio4 Temperature seasonality

Bio5 Max temperature of the warmest month

Bio6 Min temperature of the coldest month

Bio7 Temperature annual range

Bio8 Mean temperature of the wettest quarter

Bio9 Mean temperature of the driest quarter

Bio10 Mean temperature of the warmest quarter

Bio11 Mean temperature of the coldest quarter

Bio12 Annual precipitation

Bio13 Precipitation of the wettest month

Bio14 Precipitation of the driest month

Bio15 Precipitation seasonality

Bio16 Precipitation of the wettest quarter

Bio17 Precipitation of the driest quarter

Bio18 Precipitation of the warmest quarter

Bio19 Precipitation of the coldest quarter