

S6 Table. Loadings, eigenvalues, and variance explained by the two first components retained from the Principal Component Analysis (PCA) performed on the 19 bioclimatic variables used in this study. BIO1 = Annual Mean Temperature, BIO4 = Temperature Seasonality, BIO5 = Max Temperature of Warmest Month, BIO6 = Min Temperature of Coldest Month, BIO7 = Temperature Annual Range, BIO10 = Mean Temperature of Warmest Quarter, BIO11 = Mean Temperature of Coldest Quarter, BIO12 = Annual Precipitation, BIO13 = Precipitation of Wettest Month, BIO16 = Precipitation of Wettest Quarter, BIO18 = Precipitation of Warmest Quarter, BIO19 = Precipitation of Coldest Quarter

| Climatic Variables | PC1 | PC2 |
|---------------------------|------------|------------|
| BIO1 | 0,27302 | -0,07493 |
| BIO2 | 0,24910 | -0,26812 |
| BIO3 | 0,15036 | -0,22257 |
| BIO4 | 0,25088 | -0,22293 |
| BIO5 | 0,27909 | -0,19821 |
| BIO6 | -0,19897 | 0,29878 |
| BIO7 | 0,26455 | -0,25462 |
| BIO8 | 0,21436 | -0,24354 |
| BIO9 | 0,21691 | -0,04110 |
| BIO10 | 0,28572 | -0,13842 |
| BIO11 | 0,14398 | 0,14678 |
| BIO12 | -0,24658 | -0,25498 |
| BIO13 | -0,22789 | -0,23086 |
| BIO14 | -0,21354 | -0,27939 |
| BIO15 | 0,14579 | 0,31607 |
| BIO16 | -0,23035 | -0,23839 |
| BIO17 | -0,23325 | -0,30298 |
| BIO18 | -0,22223 | -0,24408 |
| BIO19 | -0,24206 | -0,15392 |
| STD | 3,173 | 2,0892 |
| Variance explained (%) | 53 | 22,9 |