**Table S3** Effect of elevation, geographical distance, and climate on the phyllosphere fungal richness as assessed by generalized linear model (GLM)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Variable | DF | SS | F value | *P* value |
| Elevation | 1 | 14877 | 6.484 | 0.021\* |
| PCNM | 1 | 1003 | 0.437 | 0.518 |
| MAT | 1 | 252 | 0.110 | 0.745 |
| Residuals | 16 | 36712 |  |  |

DF: degrees of freedom, SS: sum of squares, PCNM: principal coordinates of neighbor matrices, and MAT: mean annual temperature. \* indicates P < 0.05.