

Figure S1

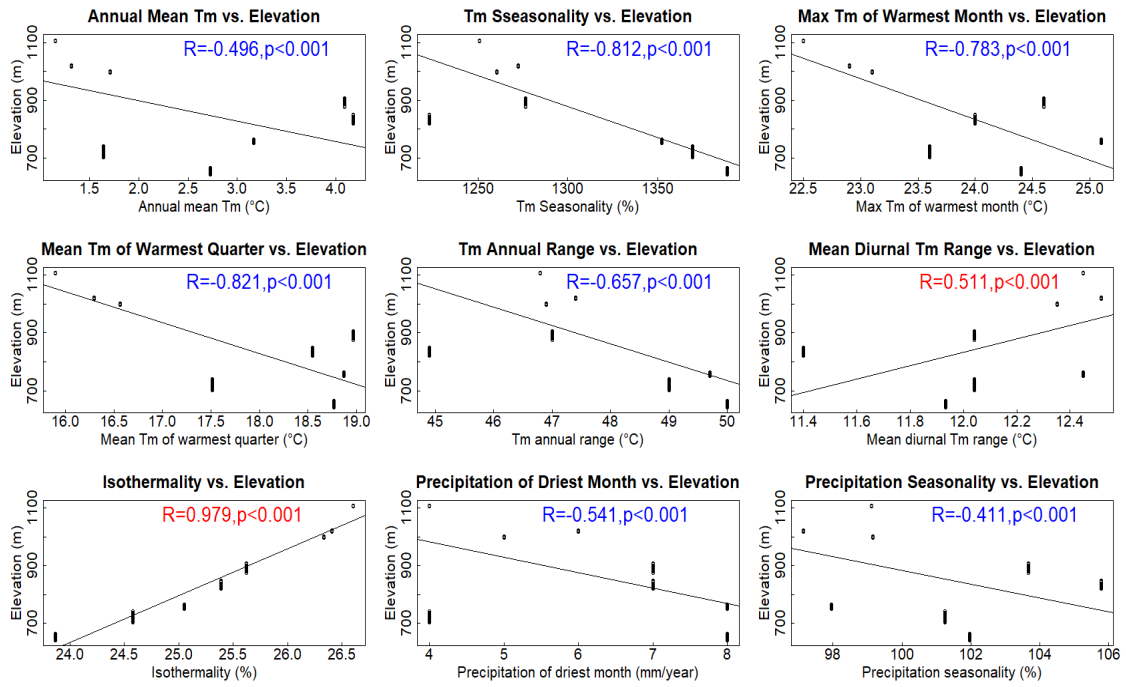


Figure S1. Spearman's correlation relationships between elevation and climatic variables. Climatic variables include mean annual temperature (Ann_Tavr), temperature seasonality (Seasonality_T), maximum temperature of the warmest month (W_Mo_Tmax), mean temperature of the Warmest Quarter (W_Quart_Tavr), annual temperature range (Ann_Rng_T), mean diurnal temperature range (Diurnal_Rng_T), isothermality (isothermality, precipitation of the driest month (D_Mo_P) and precipitation seasonality (Seasonality_P). Tm denotes temperature. Positive and negative correlations are presented in red and blue, respectively.

Figure S2

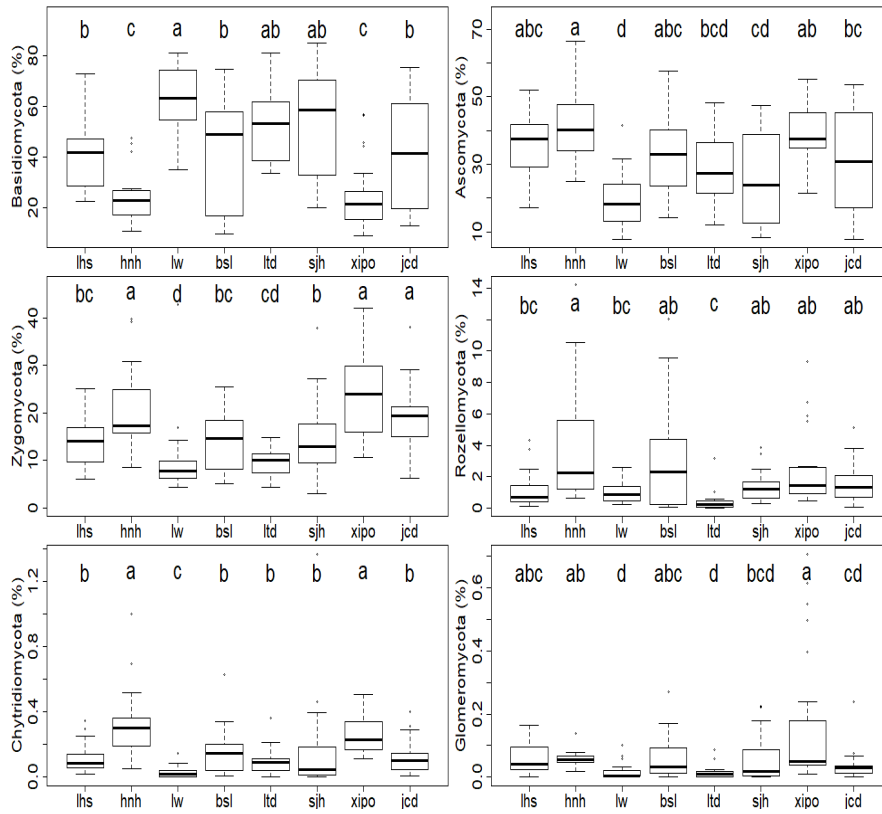


Figure S2. Fungal phylum groups along the elevation gradient. Different letters (a–e) indicate significant differences between the three different disturbance levels. ***, $p < 0.001$; **, $p < 0.01$; *, $p < 0.05$.

Figure S3

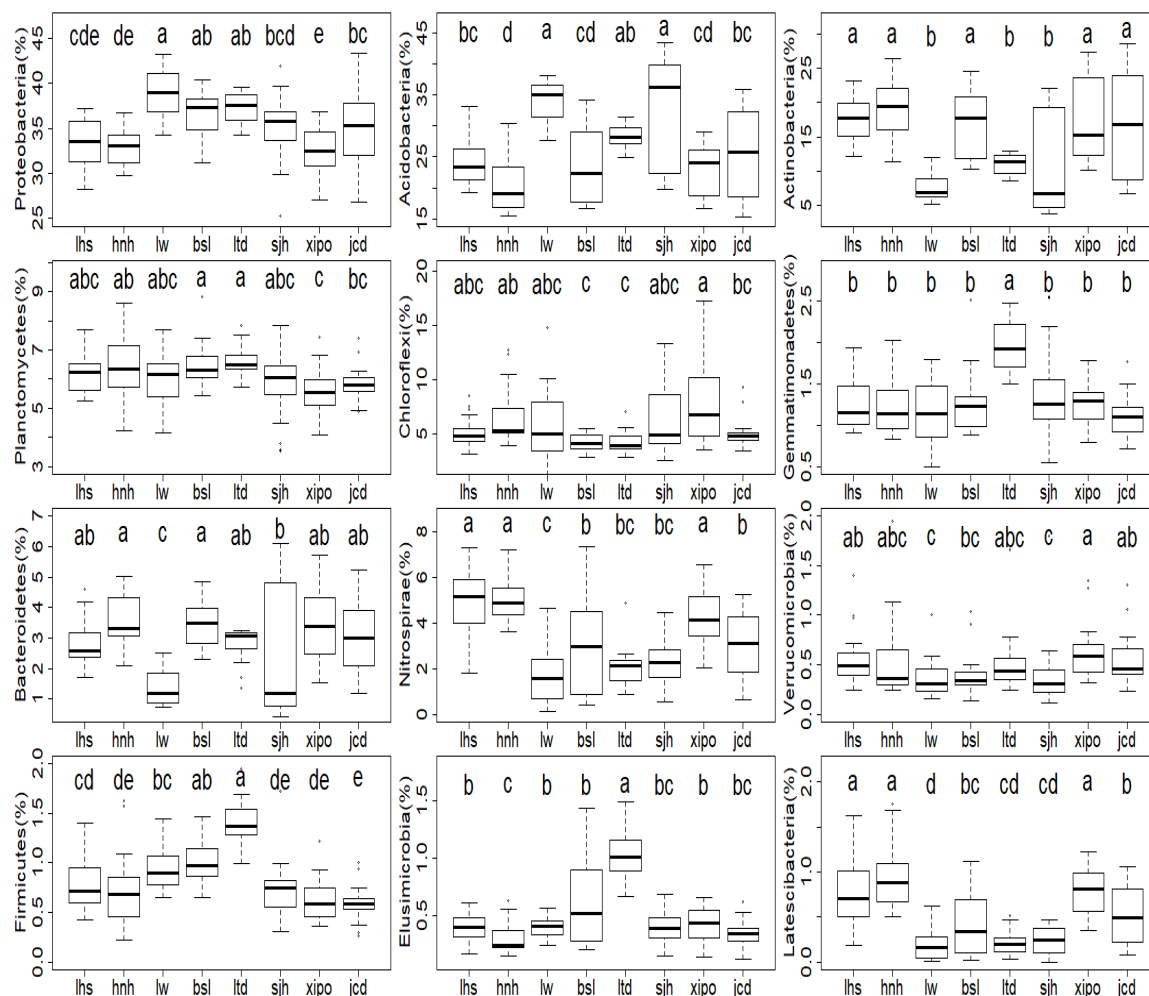


Figure S3. Bacterial phylum groups along the elevation gradient. Different letters (a–e) indicate significant differences among different sampling plots. ***, $p < 0.001$; **, $p < 0.01$; *, $p < 0.05$.