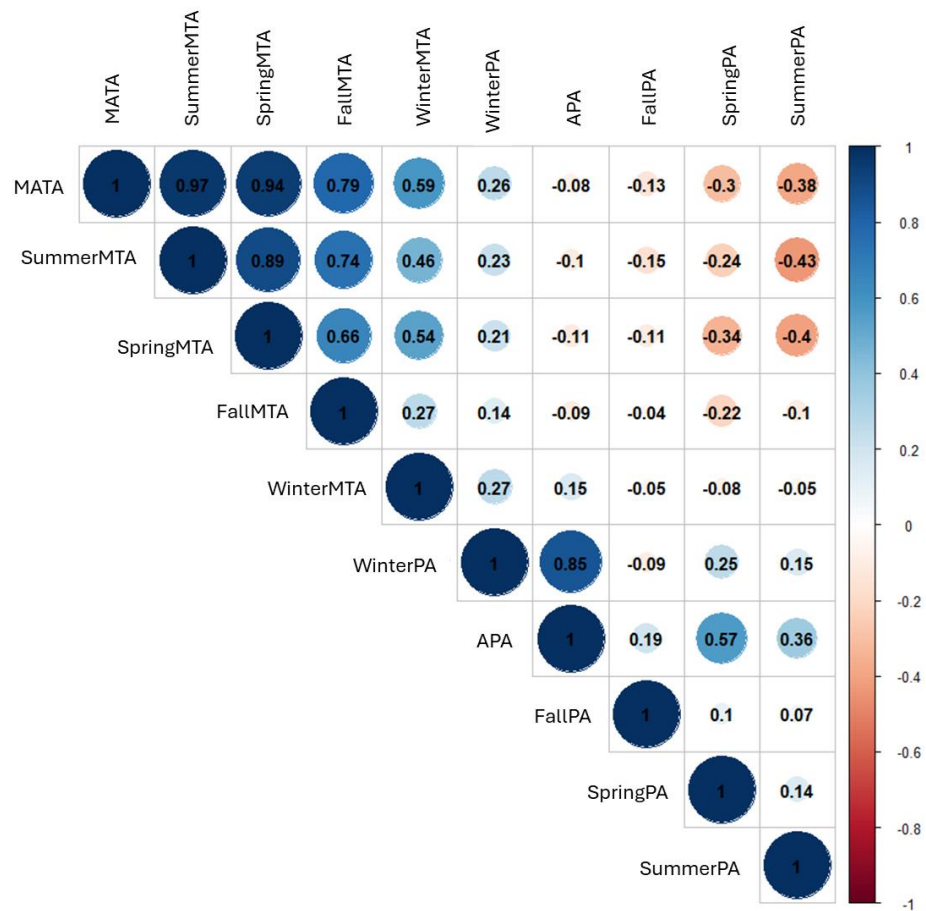
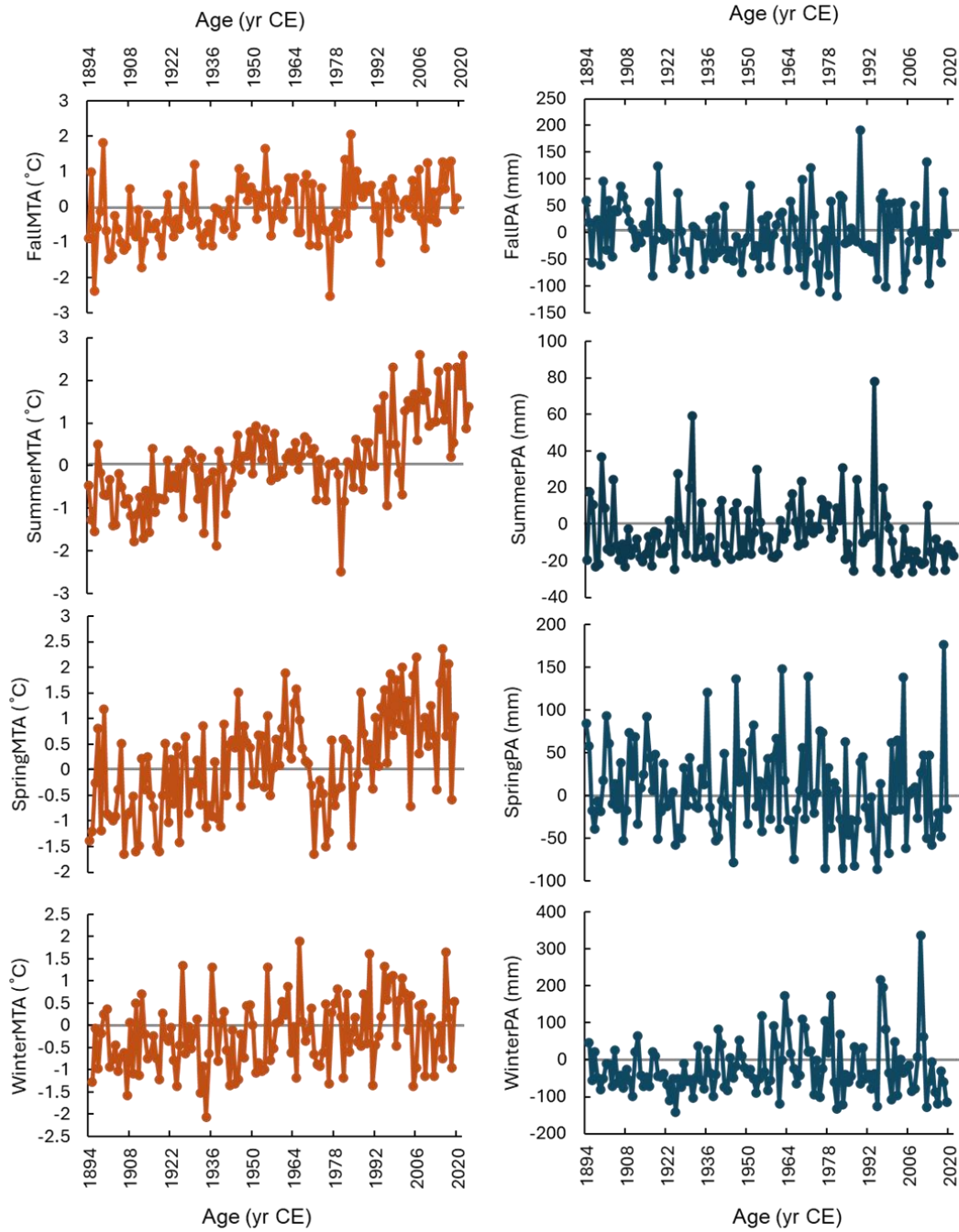


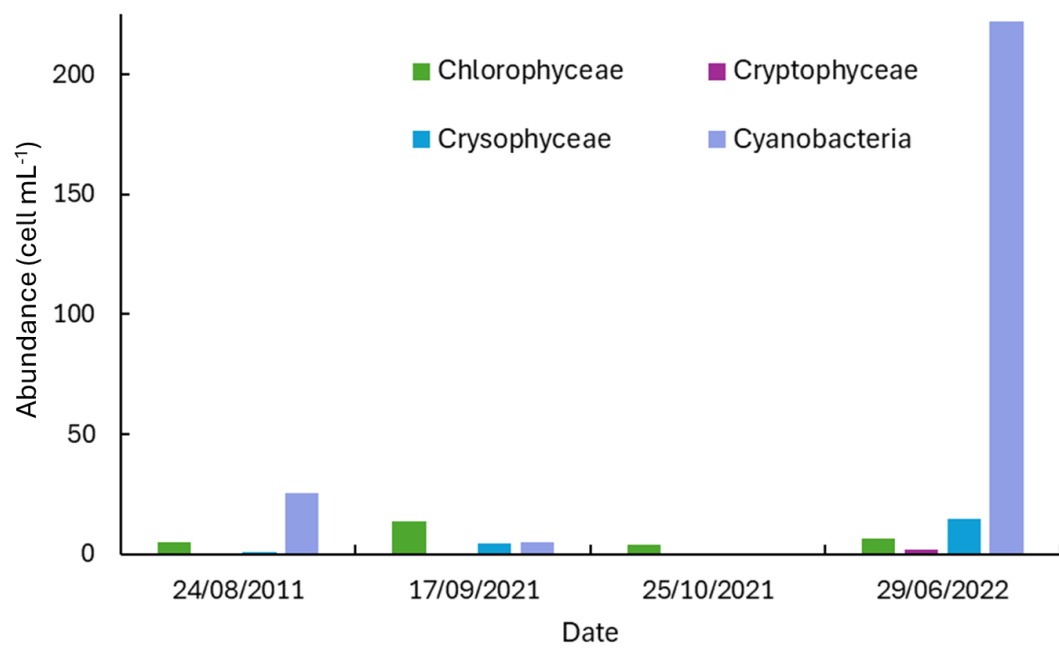
SUPPLEMENTARY FIGURES



Supplementary Figure 1. Pearson's correlation coefficient matrix between mean annual temperature anomaly (MATA), annual precipitation anomaly (APA), mean seasonal temperature anomalies (Summer-, Spring-, Fall- and Winter- MTA), and seasonal precipitation anomalies (Summer-, Spring-, Fall- and Winter- PA) for the period 1894-2020.



Supplementary Figure 2. Mean seasonal temperature anomalies (Summer-, Spring, Fall- and Winter- MTA), and seasonal precipitation anomalies (Summer-, Spring-, Fall- and Winter- PA) for the period 1894-2020.



Supplementary Figure 3. Planktonic algae composition and density in Borreguil Lake in selected dates of 2011, 2021 and 2022. 2022 was marked by a massive Saharan dust deposition event.