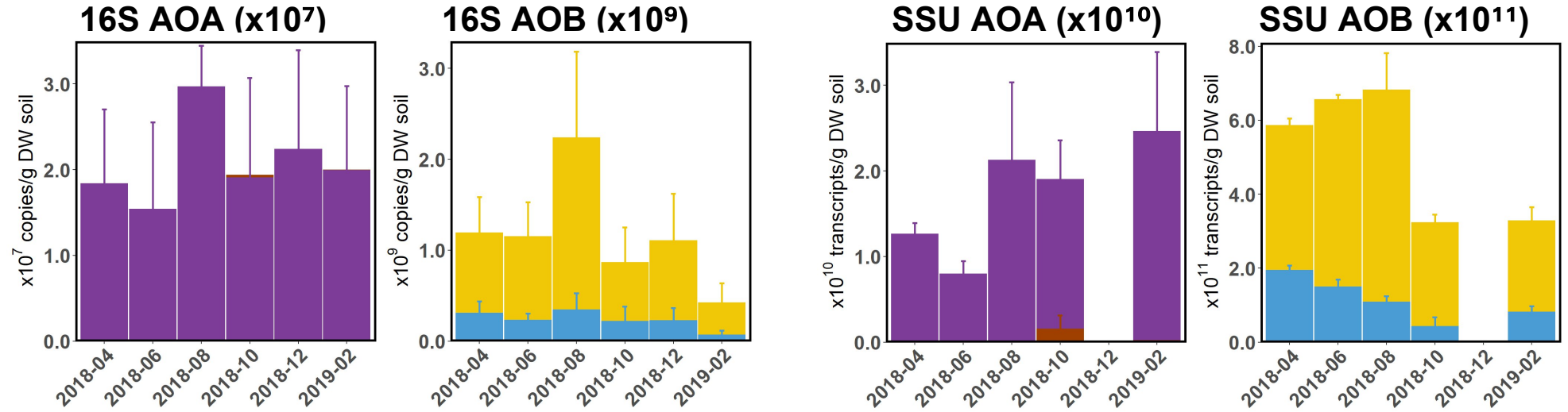


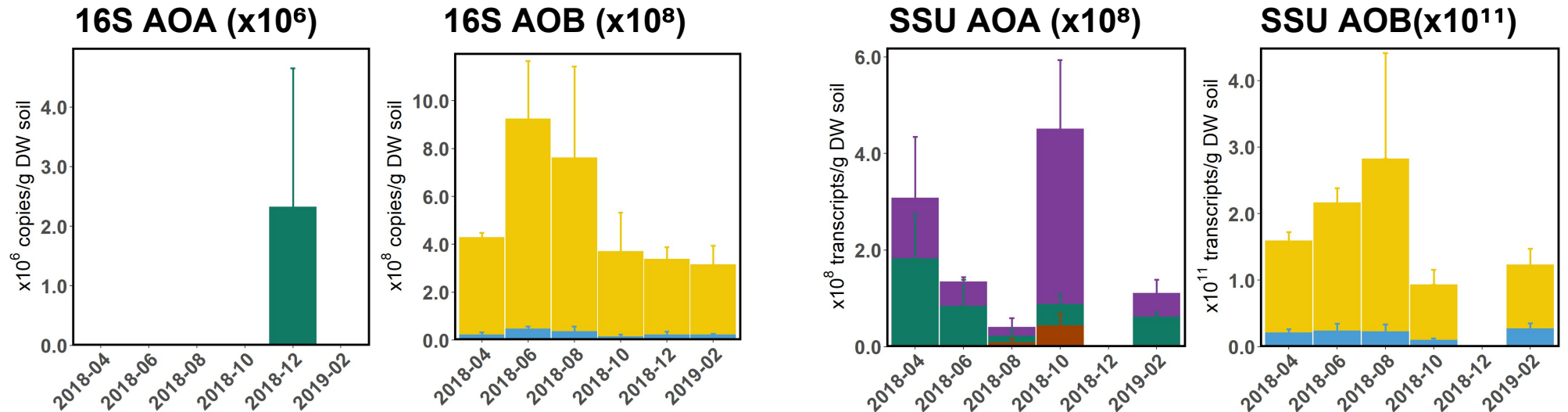
AOA ■ *Ca. Nitrosopumilales* ■ *Ca. Nitrosotaleales* ■ *Nitrososphaerales*

AOB ■ *Nitrospirales* ■ *Nitrosomonadales*

a) PW



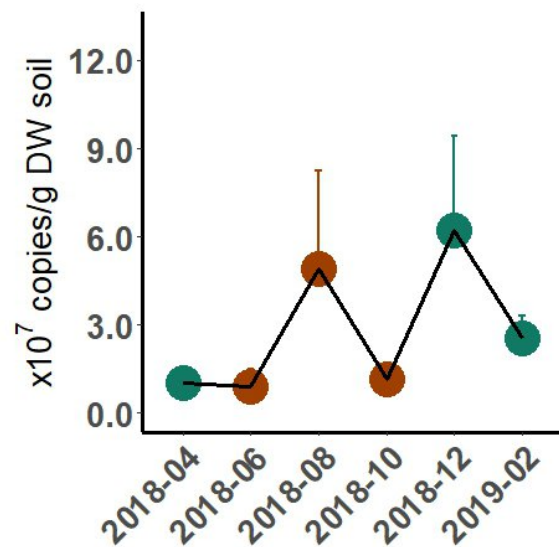
b) CW



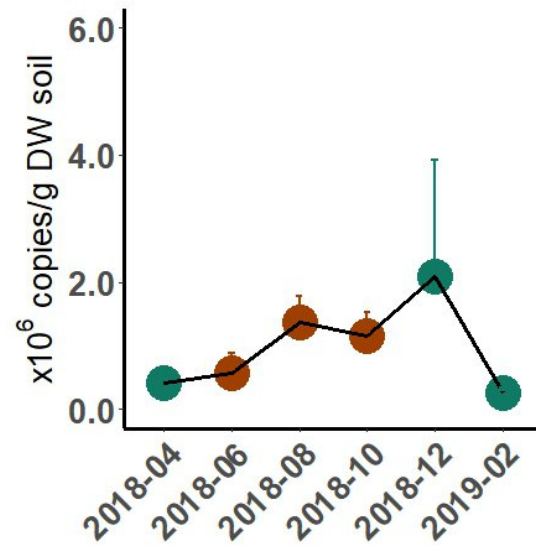
archaeal *amoA*

A) qPCR

PW

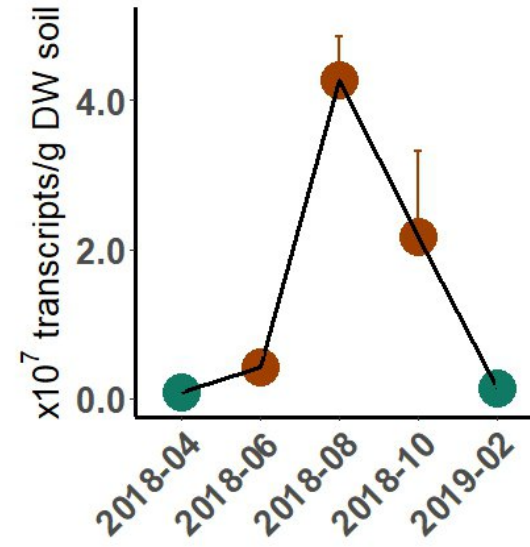


CW

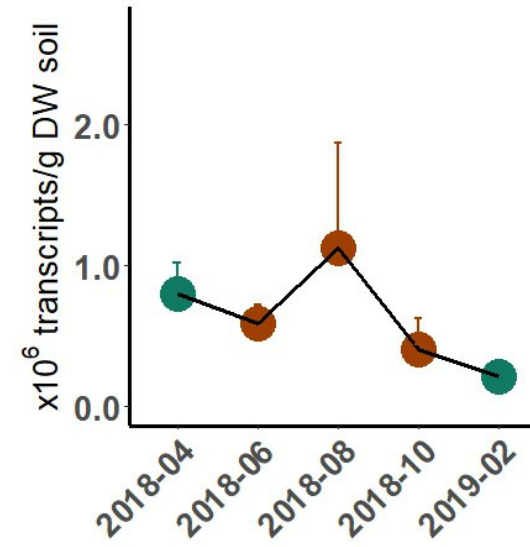


B) RT-qPCR

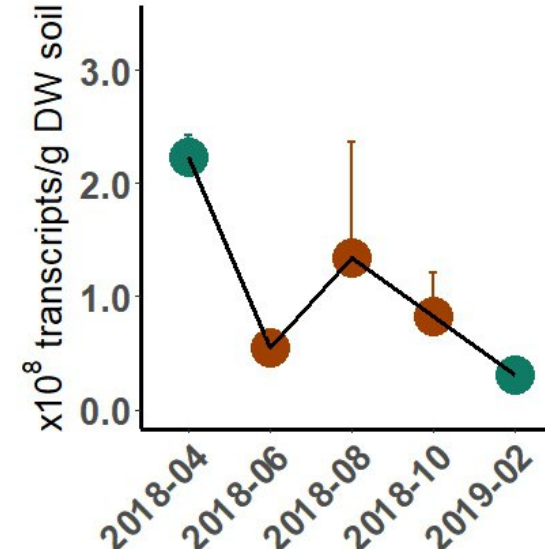
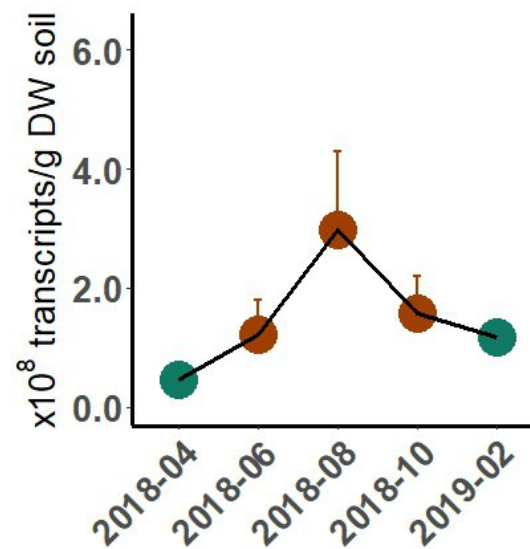
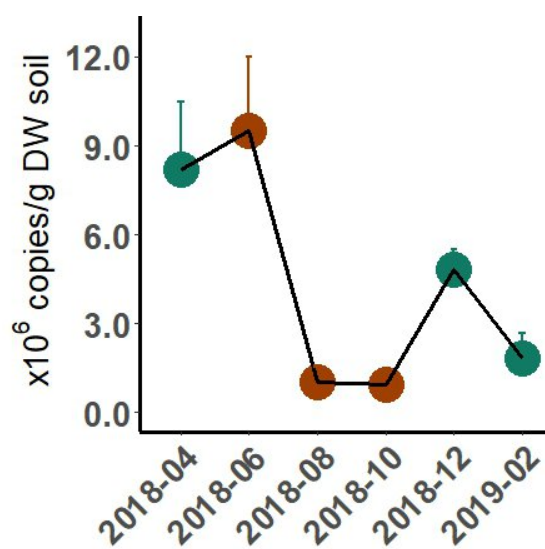
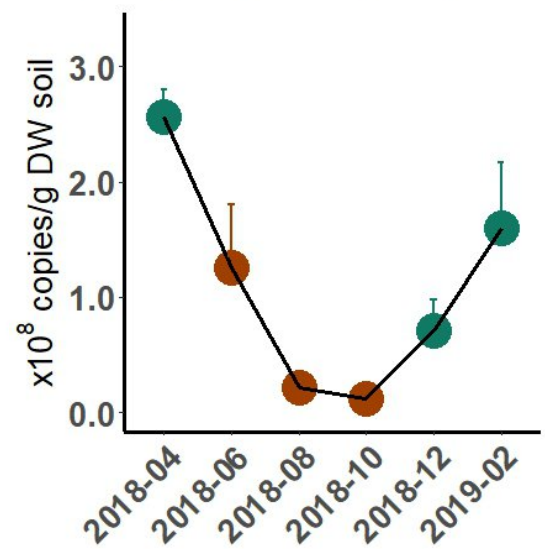
PW



CW

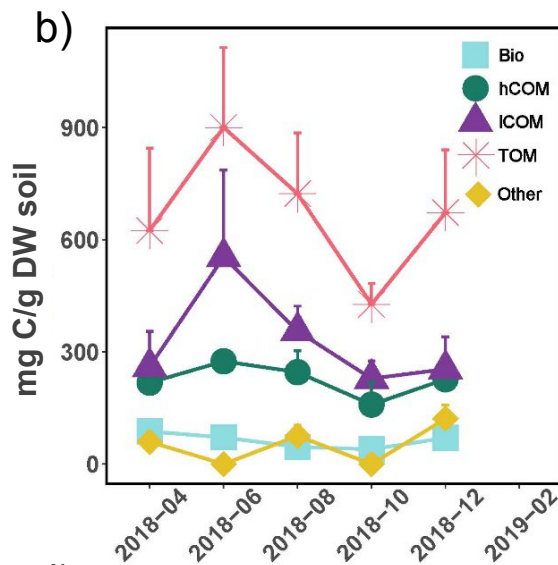
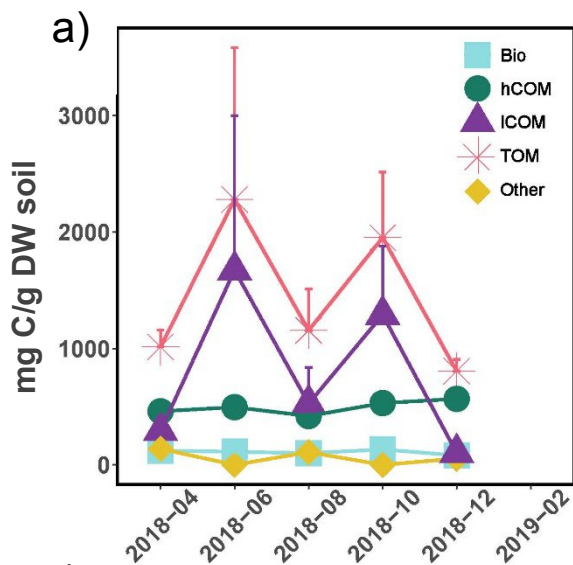


bacterial *amoA*



● Drought

● Non-drought

PW**CW****Dissolved Organic Carbon****Ammonium and Nitrate**