

Werner, F. J. and Matthiessen, B. 2012. Temperature indirectly affects benthic microalgal diversity by altering effects of top-down but not bottom-up control. – *Oikos* 122: 52–63.

Appendix A1

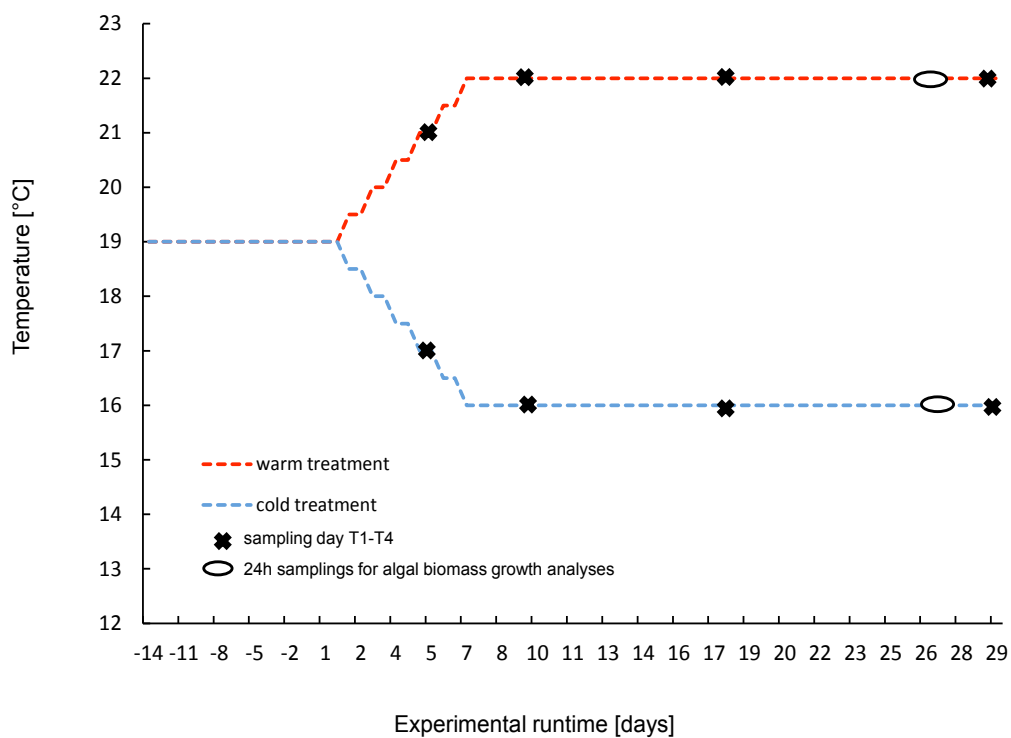


Figure A1. Scheme of the overall experimental runtime, temperature manipulations and samplings. The timeline illustrates community assembly (day -14–0), gradual temperature in-/decrease (day 2–7), constant low/ high temperature treatments (day 7–29). Black crosses mark the sampling days T1 to T4. Circular symbols mark the independent 24 h samplings for the purpose of grazing rate analyses.

Appendix A2

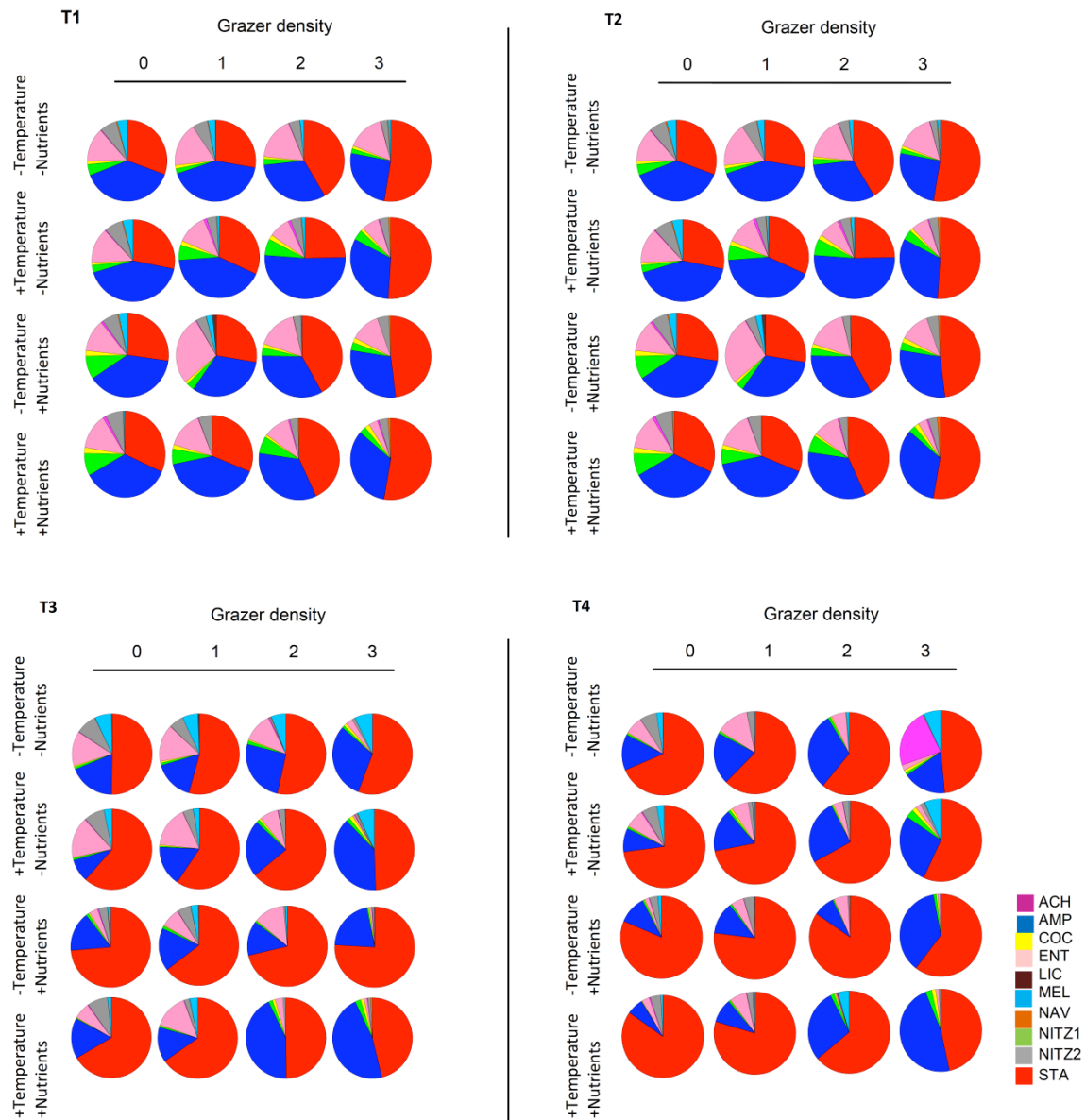


Figure A2. The pie charts illustrate changes in algal species' relative contribution to total biomass across all sampling days (T1–T4). Results are shown for all grazer density levels (0–3 grazer) and for all treatment combinations. Species names are abbreviated as follows: *Achnanthes brevipes* - ACH, *Amphora coffaeiformes* - AMP, *Cocconeis* spec. - COC, *Entomoneis paludosa* - ENT, *Licmophora* spec. - LIC, *Melosira varians* - MEL, *Navicula ramossissima* - NAV, *Nitzschia* spec. - NITZ1, *Nitzschia sigma* - NITZ2 and *Stauroneis constricta* - STA.