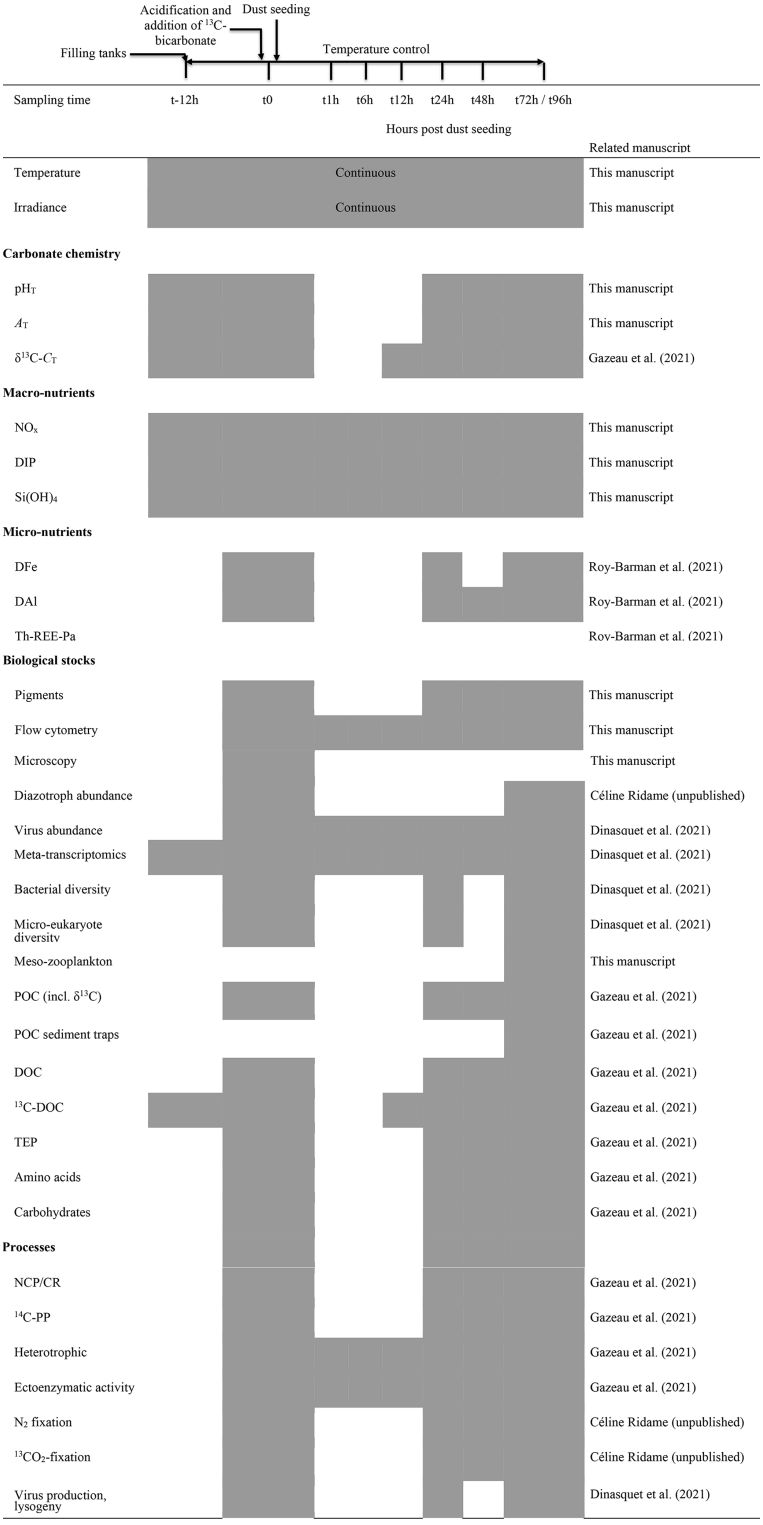Table 1. List of parameters and processes investigated during the three experiments at stations TYR, ION and FAST. Corresponding papers are indicated. pH_T: pH on the total scale, A_T: total alkalinity, $^{13}C\text{-}C_T$: ^{13}C signature of dissolved inorganic carbon, NO_x: nitrate + nitrite, DIP: dissolved inorganic phosphorus, $Si(OH)_4$: silicate, DFe: dissolved iron, DAl: dissolved aluminium, Th-REE-Pa: thorium (^{230}Th and ^{232}Th), rare earth elements and protactinium (^{231}Pa), POC: particulate organic carbon, DOC: dissolved organic carbon, ^{13}C-DOC: ^{13}C signature of dissolved organic carbon, TEP: transparent exopolymer particles, NCP/CR: net community production and community respiration (oxygen based), ^{14}C-PP: primary production based on ^{14}C incorporation