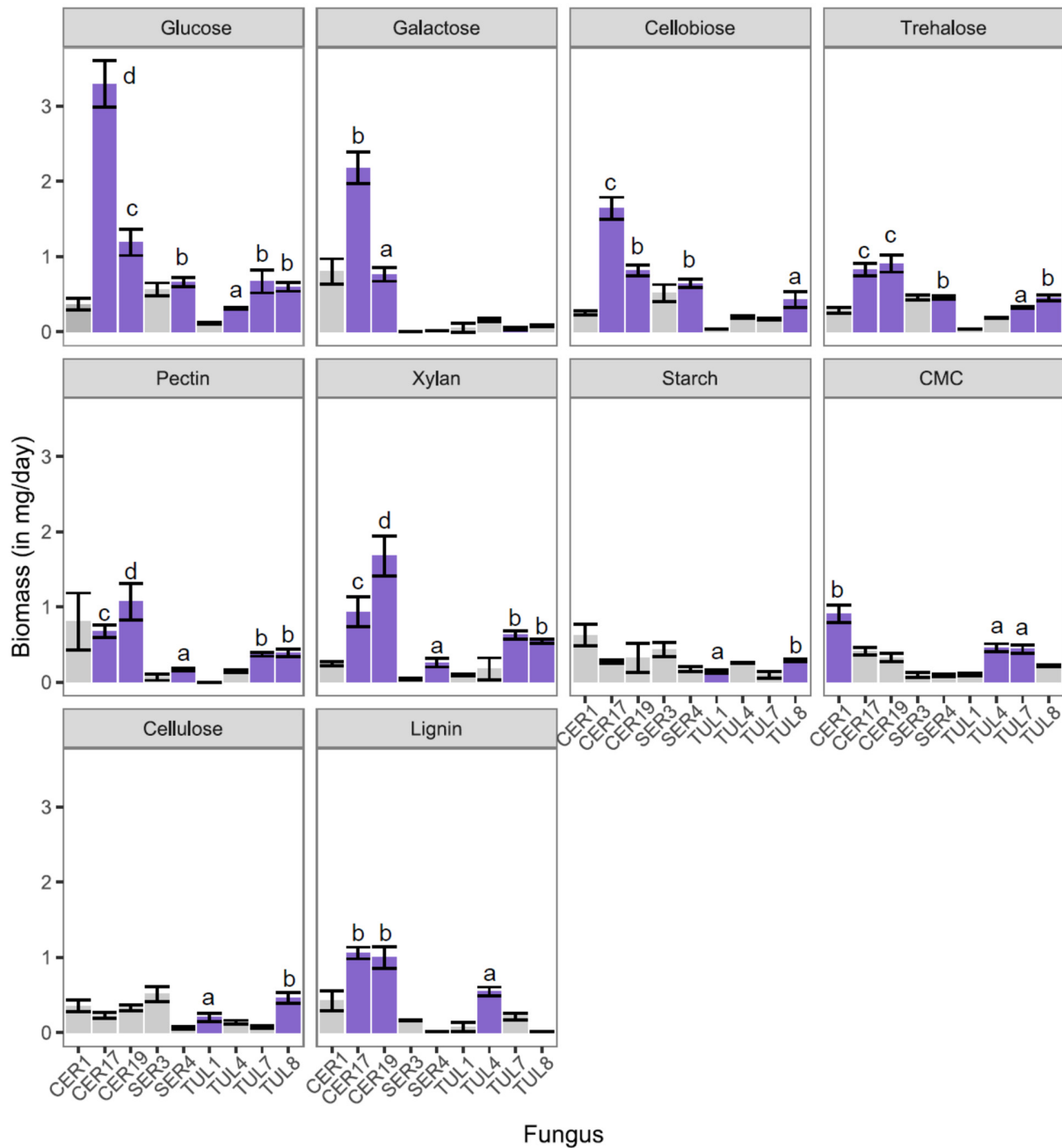
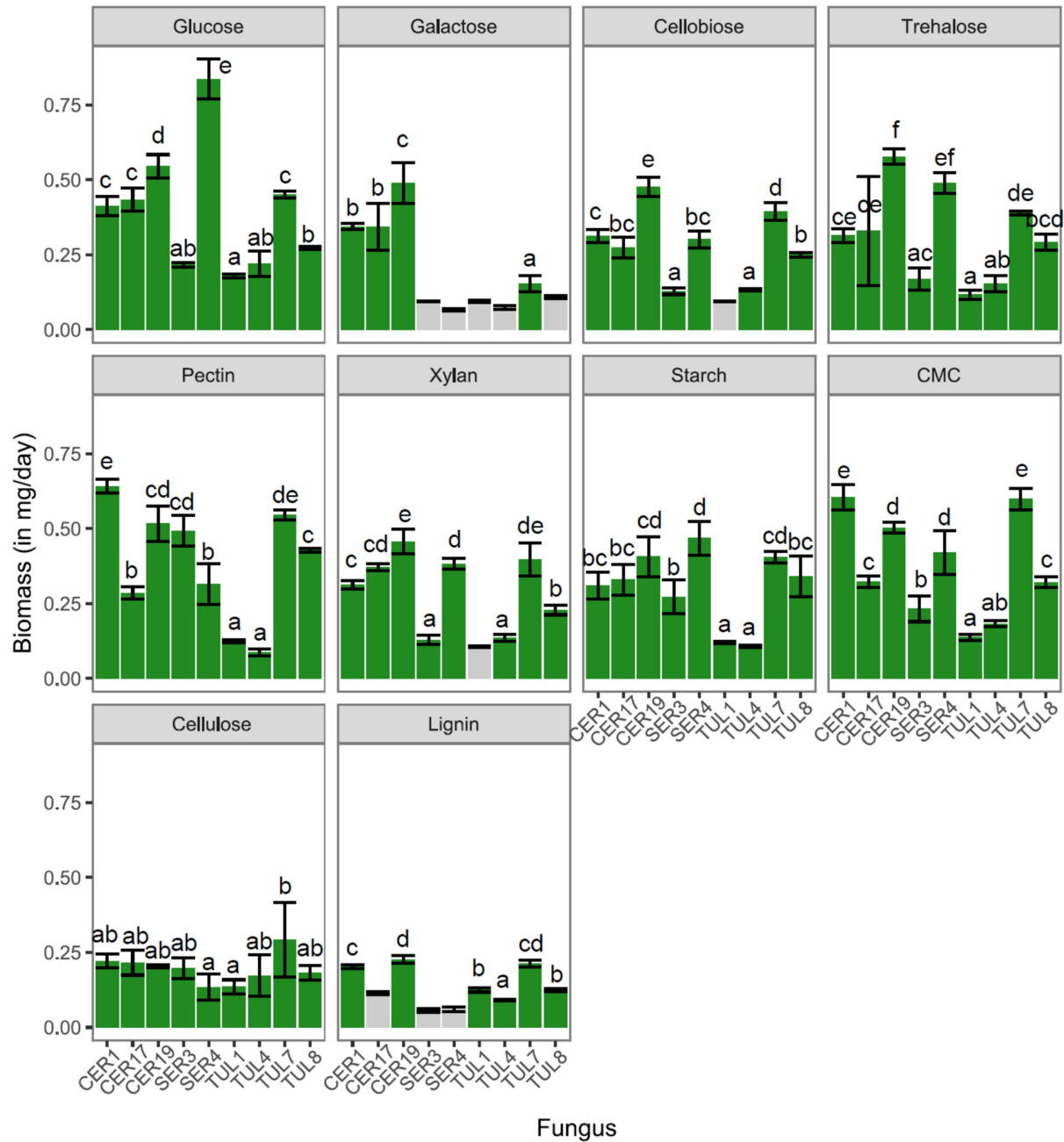


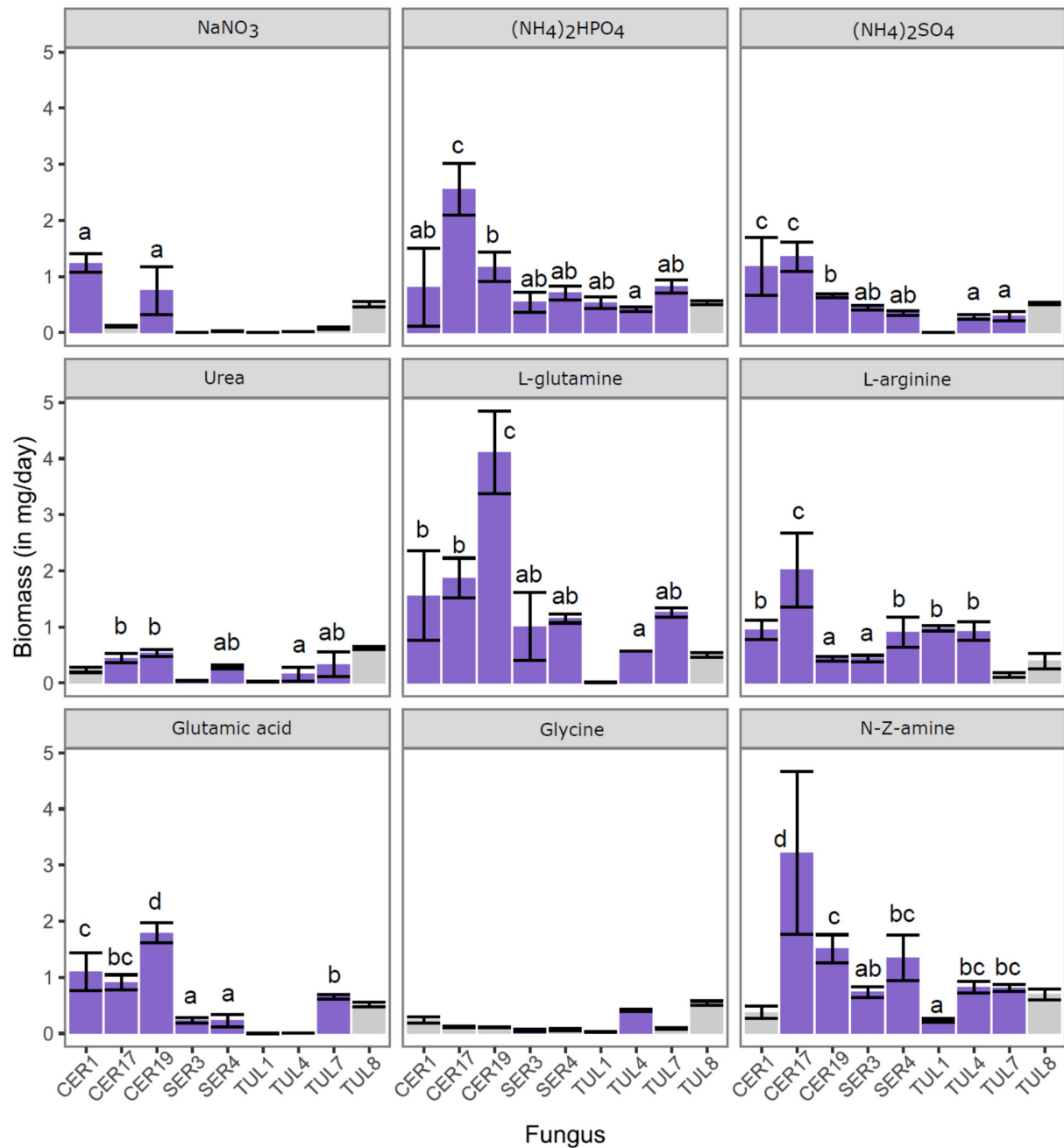
**Figure S1.** Mean biomass (in mg/day)  $\pm$  SD (n=3 or 4) of the tested isolates (for which the biomass was significantly different from the control, in purple) in solid medium containing 10 different carbon sources. Different letters indicate a significant difference in the biomass increase ( $P < 0.05$ ) between the different isolates and per each substrate. Grey bars indicate isolates with no significant biomass increase.



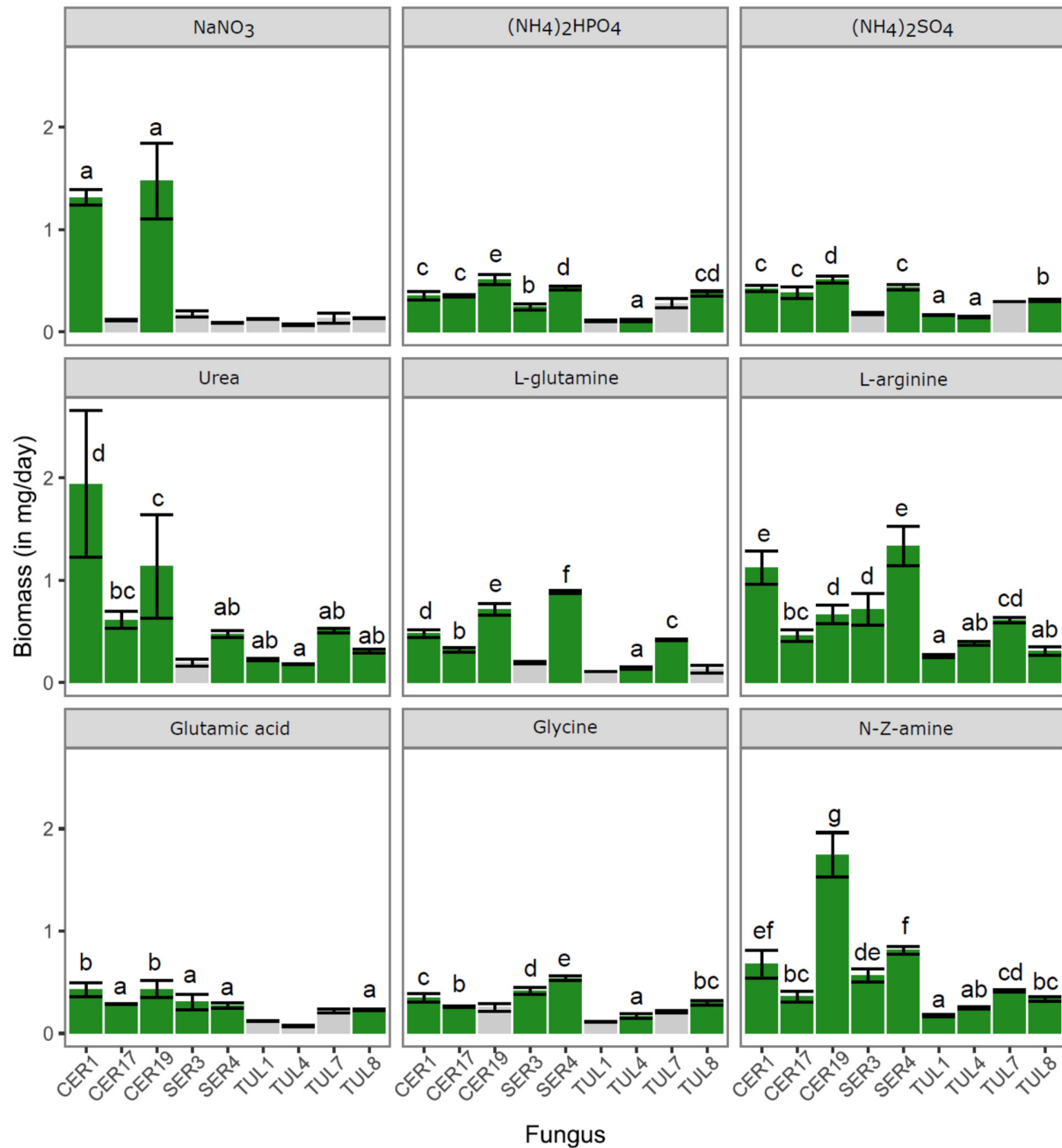
**Figure S2.** Mean biomass (in mg/day)  $\pm$  SD (n=3 or 4) of the tested isolates (for which the biomass was significantly different from the control, in dark green) in liquid medium containing 10 different carbon sources. Different letters indicate a significant difference in the biomass increase ( $P < 0.05$ ) between the different isolates and per each substrate. Grey bars indicate isolates with no significant biomass increase.



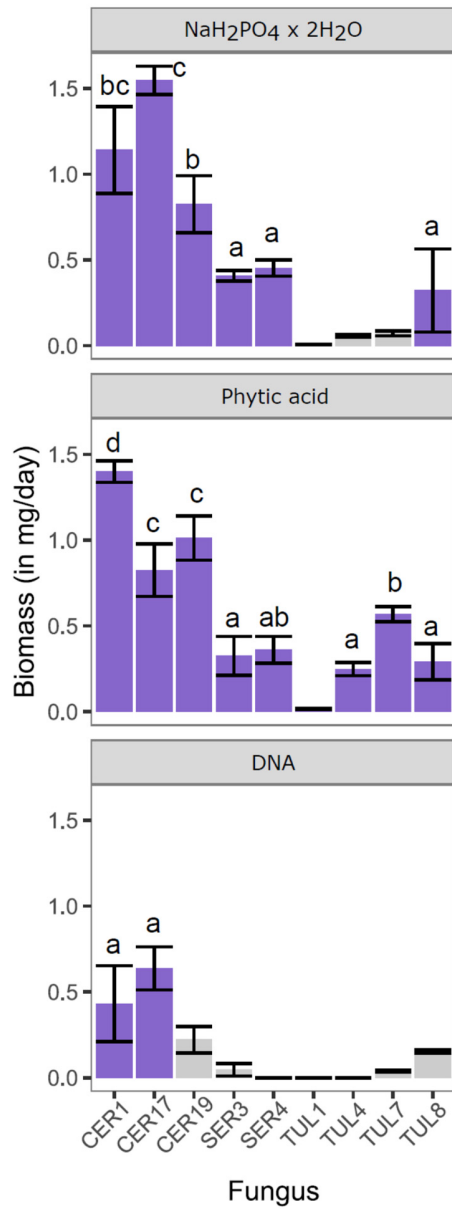
**Figure S3.** Mean biomass (in mg/day)  $\pm$  SD (n=3 or 4) of the tested isolates (for which the biomass was significantly different from the control, in purple) in solid medium containing nine different nitrogen sources. Different letters indicate a significant difference in the biomass increase ( $P < 0.05$ ) between the different isolates and per each substrate. Grey bars indicate isolates with no significant biomass increase.



**Figure S4.** Mean biomass (in mg/day)  $\pm$  SD (n=3 or 4) of the tested isolates (for which the biomass was significantly different from the control, in dark green) in liquid medium containing nine different nitrogen sources. Different letters indicate a significant difference in the biomass increase ( $P < 0.05$ ) between the different isolates and per each substrate. Grey bars indicate isolates with no significant biomass increase.



**Figure S5.** Mean biomass (in mg/day)  $\pm$  SD (n=3 or 4) of the tested isolates (for which the biomass was significantly different from the control, in purple) in solid medium containing three different phosphorus sources. Different letters indicate a significant difference in the biomass increase ( $P < 0.05$ ) between the different isolates and per each substrate. Grey bars indicate isolates with no significant biomass increase.



**Figure S6.** Mean biomass (in mg/day)  $\pm$  SD (n=3 or 4) of the tested isolates (for which the biomass was significantly different from the control, in dark green) in liquid medium containing three different phosphorus sources. Different letters indicate a significant difference in the biomass increase ( $P < 0.05$ ) between the different isolates and per each substrate. Grey bars indicate isolates with no significant biomass increase.

