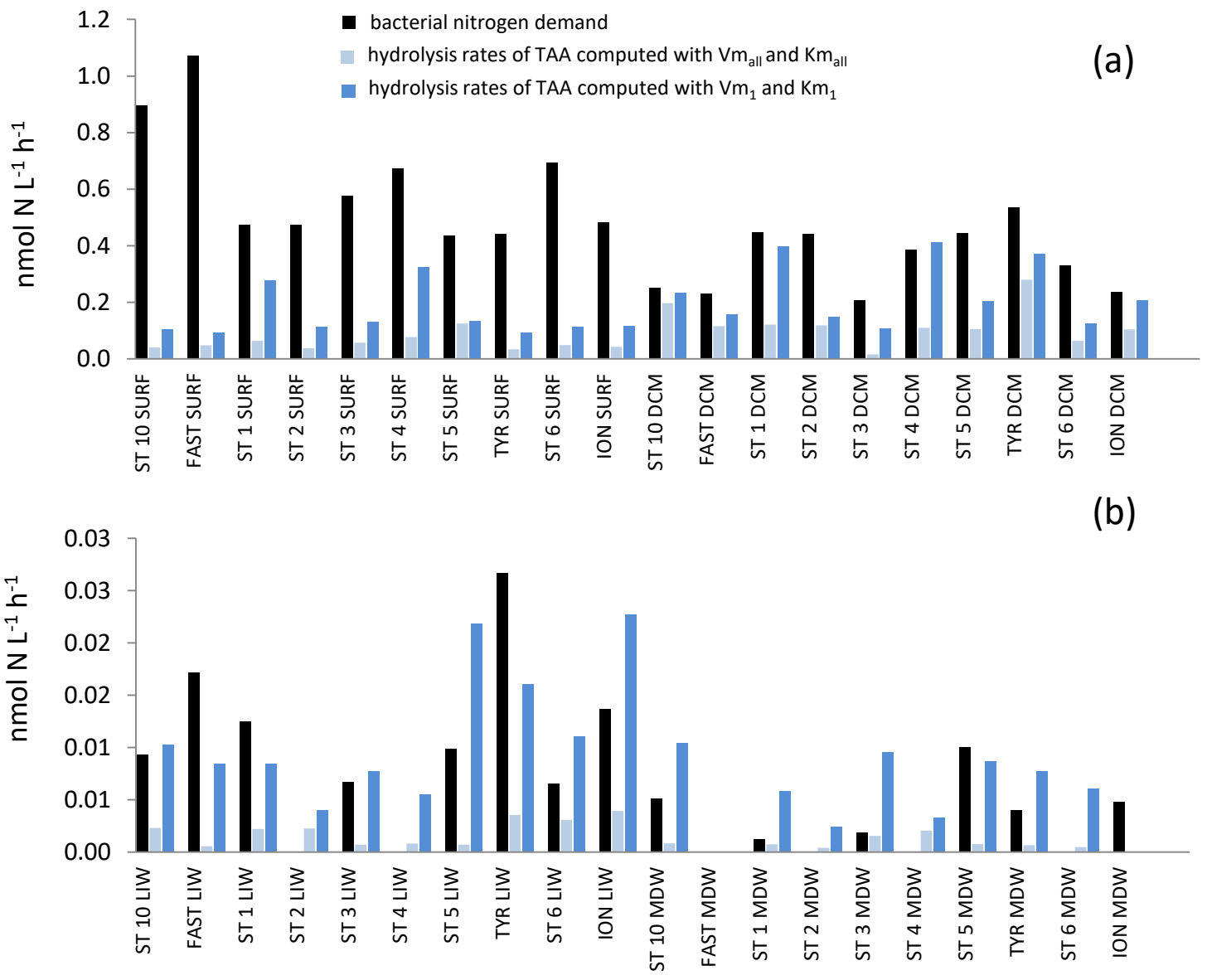
bacterial nitrogen demand
hydrolysis rates of TAA computed with Vm$_{all}$ and Km$_{all}$
hydrolysis rates of TAA computed with Vm$_1$ and Km$_1$
(a)
nmol N L^{-1} h^{-1}
1.2
1.0
0.8
0.6
0.4
0.2
0.0
ST 10 SURF
FAST SURF
ST 1 SURF
ST 2 SURF
ST 3 SURF
ST 4 SURF
ST 5 SURF
TYR SURF
ST 6 SURF
ION SURF
ST 10 DCM
FAST DCM
ST 1 DCM
ST 2 DCM
ST 3 DCM
ST 4 DCM
ST 5 DCM
TYR DCM
ST 6 DCM
ION DCM
(b)
nmol N L^{-1} h^{-1}
0.03
0.03
0.02
0.02
0.01
0.01
0.00
ST 10 LIW
FAST LIW
ST 1 LIW
ST 2 LIW
ST 3 LIW
ST 4 LIW
ST 5 LIW
TYR LIW
ST 6 LIW
ION LIW
ST 10 MDW
FAST MDW
ST 1 MDW
ST 2 MDW
ST 3 MDW
ST 4 MDW
ST 5 MDW
TYR MDW
ST 6 MDW
ION MDW