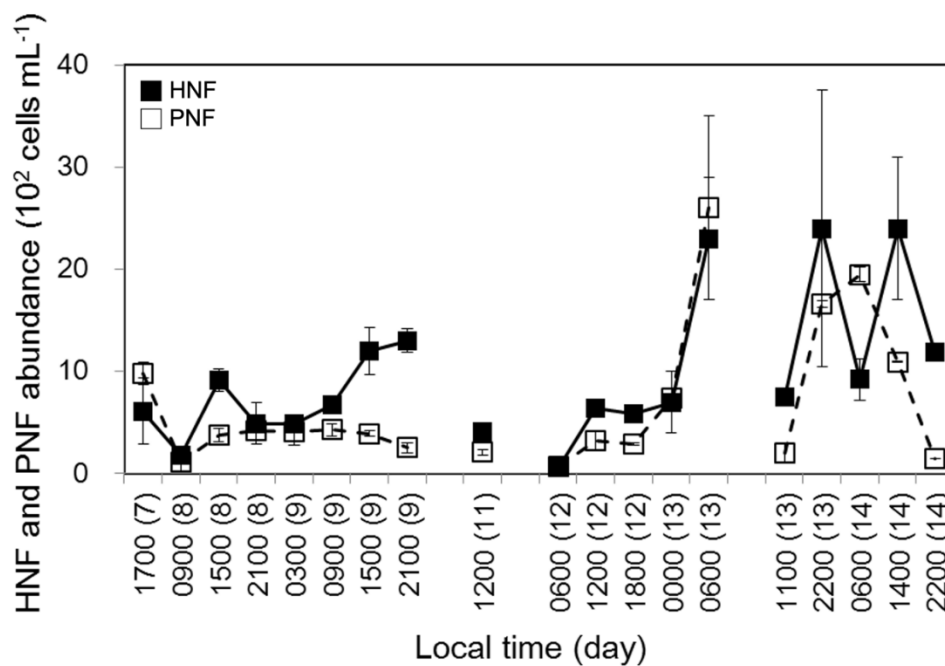
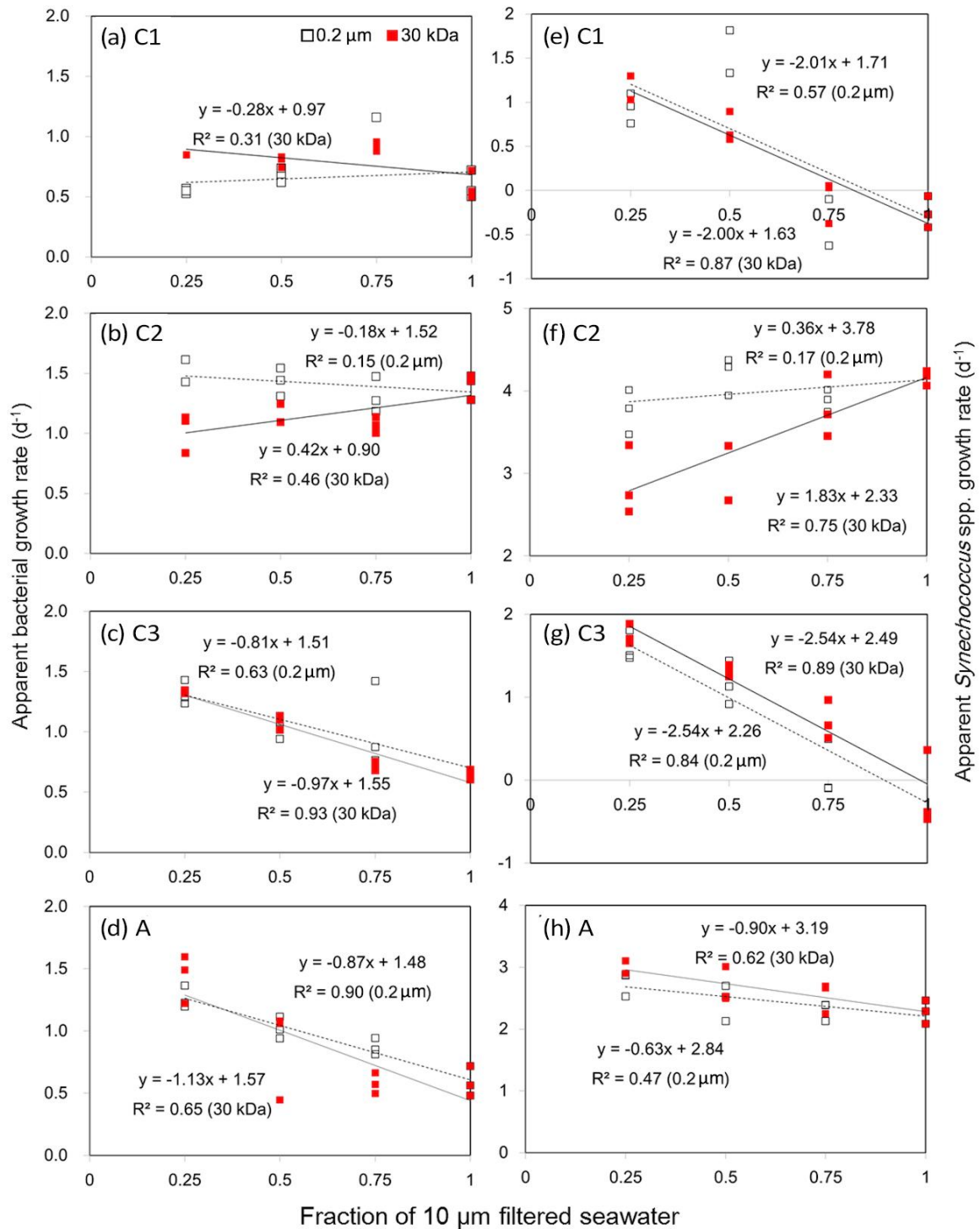


Supplementary material for: Olivia M., Shiu R.-F., Chen P.W.-Y., Chang C.-M., Annabel C.N., Ni C.-F., Chien H., Giletycz S.J. & Tsai A.-Y. 2025. Relative importance of nanoflagellate grazing and viral lysis on the mortality of heterotrophic bacteria and *Synechococcus* spp. in a high-latitude fjord (Adventfjorden, Svalbard) during the summer. *Polar Research* 44. Correspondence: An-Yi Tsai, Institute of Marine Environment and Ecology, National Taiwan Ocean University, Keelung 202-24, Taiwan. E-mail: nanoflagellate@gmail.com



Supplementary Fig. S1. Temporal variations of HNF and PNF abundance during the study period.



Supplementary Fig. S2. Heterotrophic bacterial and *Synechococcus* spp. apparent growth rate (k) vs. fraction of seawater passed through a 10 μm filter in the dilution series experiments incubated with (a), (e) Exp. C1, (b), (f) Exp. C2, (c), (g) Exp. C3 and (d), (h) Exp. A. Seawater sample ($< 10 \mu\text{m}$) diluted with the 30 kDa filtered seawater, seawater sample ($< 10 \mu\text{m}$) diluted with the 0.2 μm filtered seawater.