



Figure S1. The number of diatom species in multiyear ice within the Transpolar Drift [T] region through decades. Dark blue dots indicate estimates from individual ice cores. Red dots represent GLMM model estimates, with their 95% confidence intervals. Letters on top of x-axis represent multiple Tukey comparisons using the GLMMs, Holm correction and  $p$ -value limit of  $\leq 0.05$ .