

Figure 1_Tamura et al.

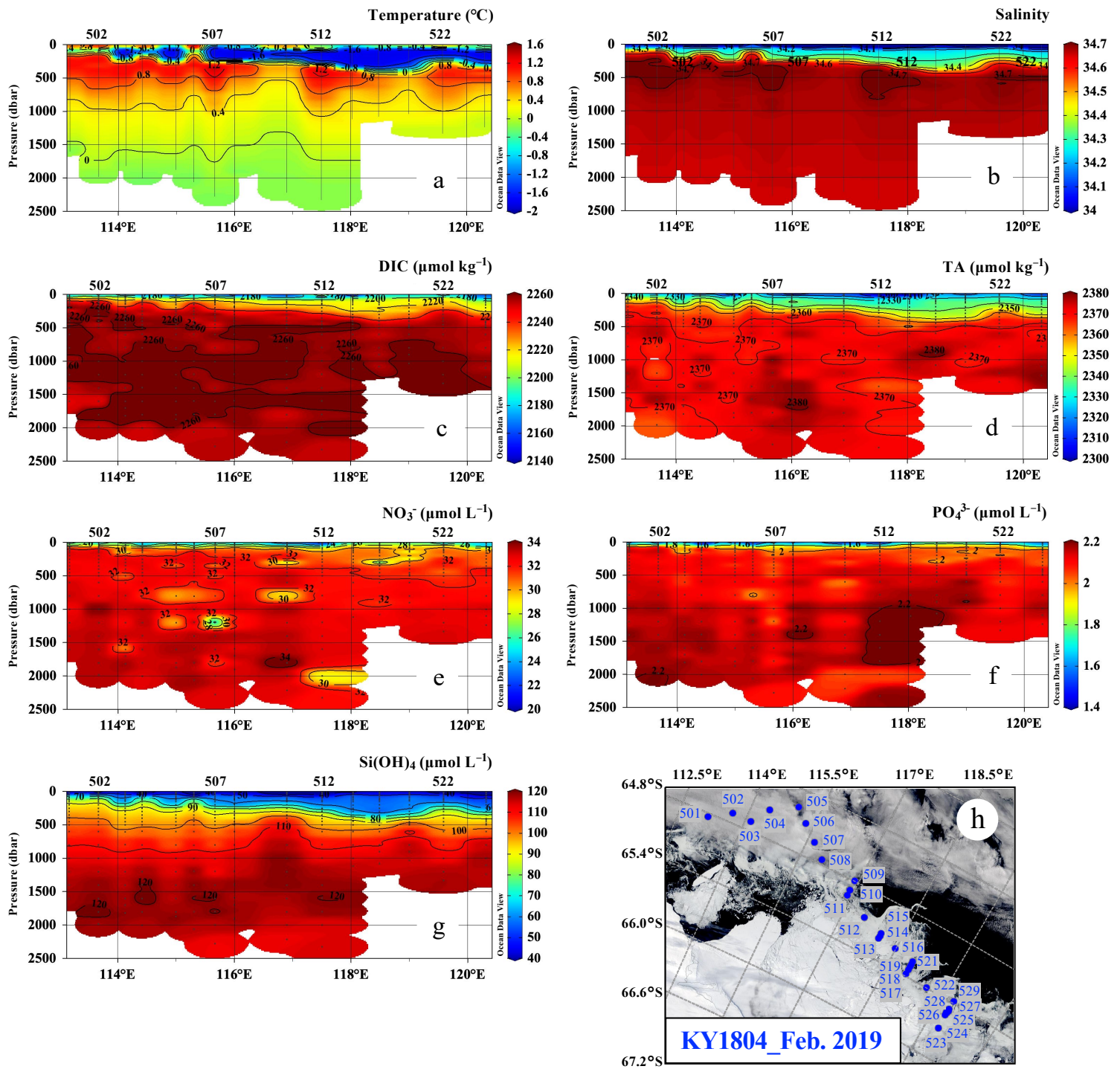


Figure 2_Tamura et al.

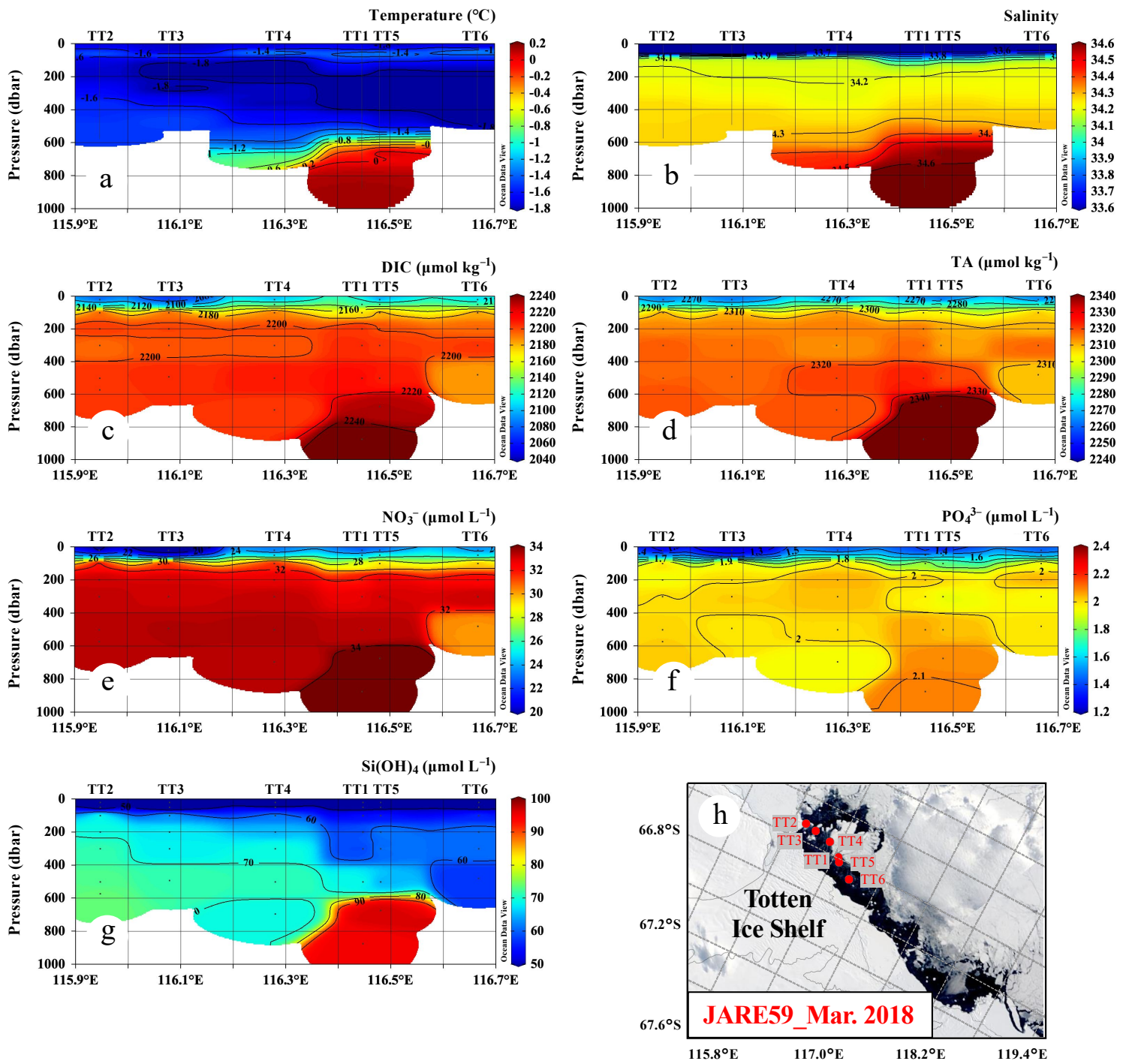


Figure 3_Tamura et al.

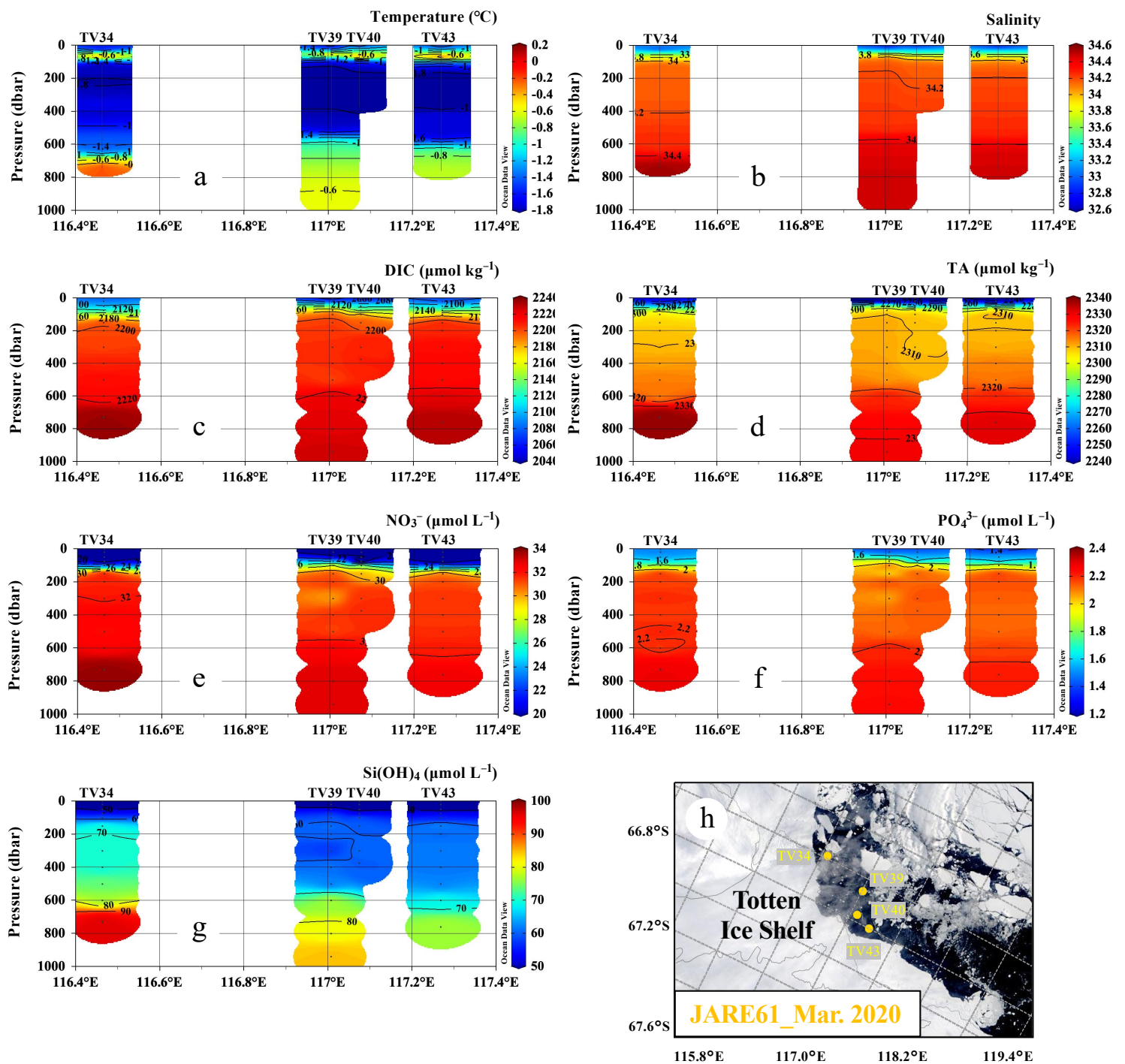


Figure 4_Tamura et al.

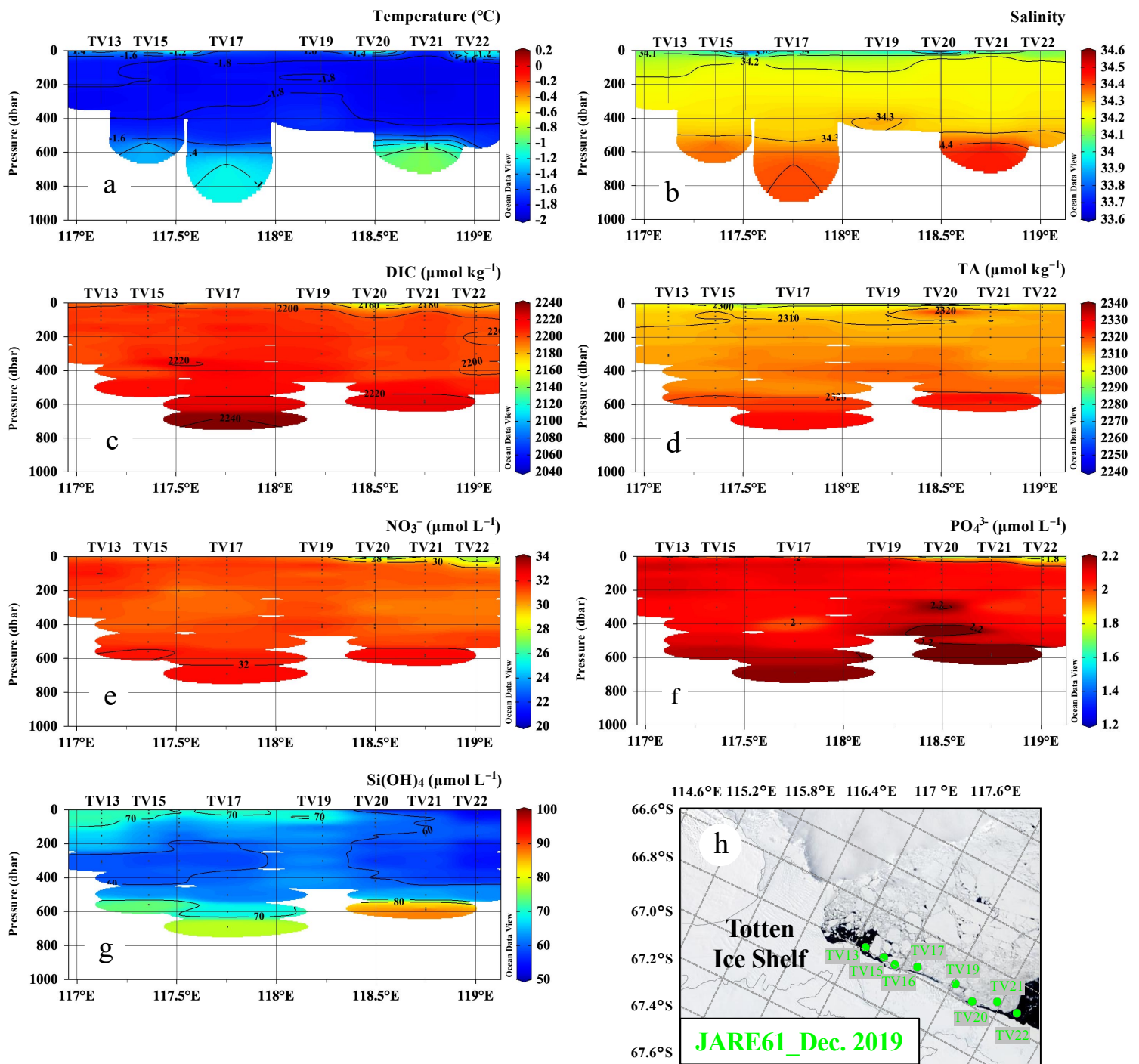


Figure 5_Tamura et al.

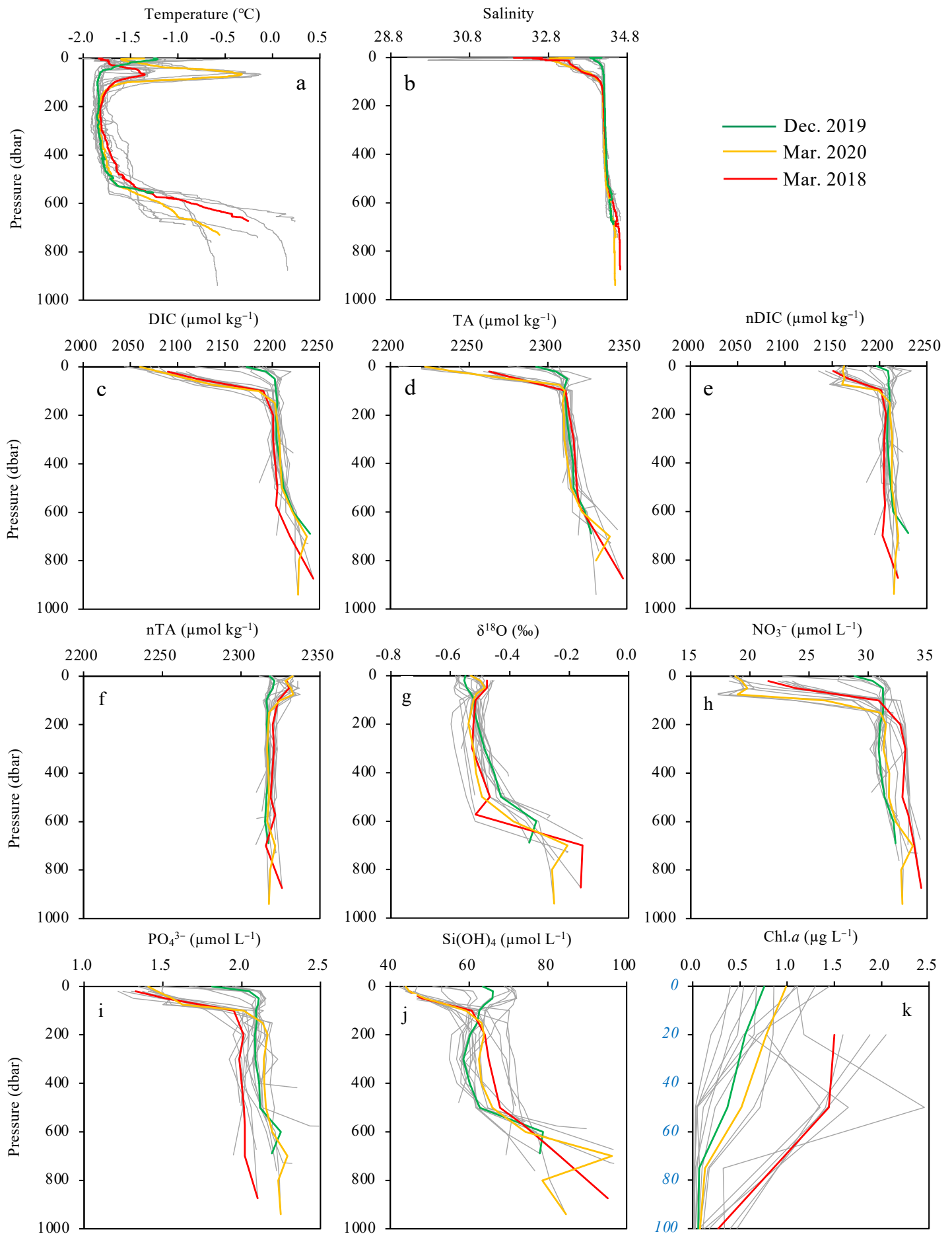


Figure 6_Tamura et al.

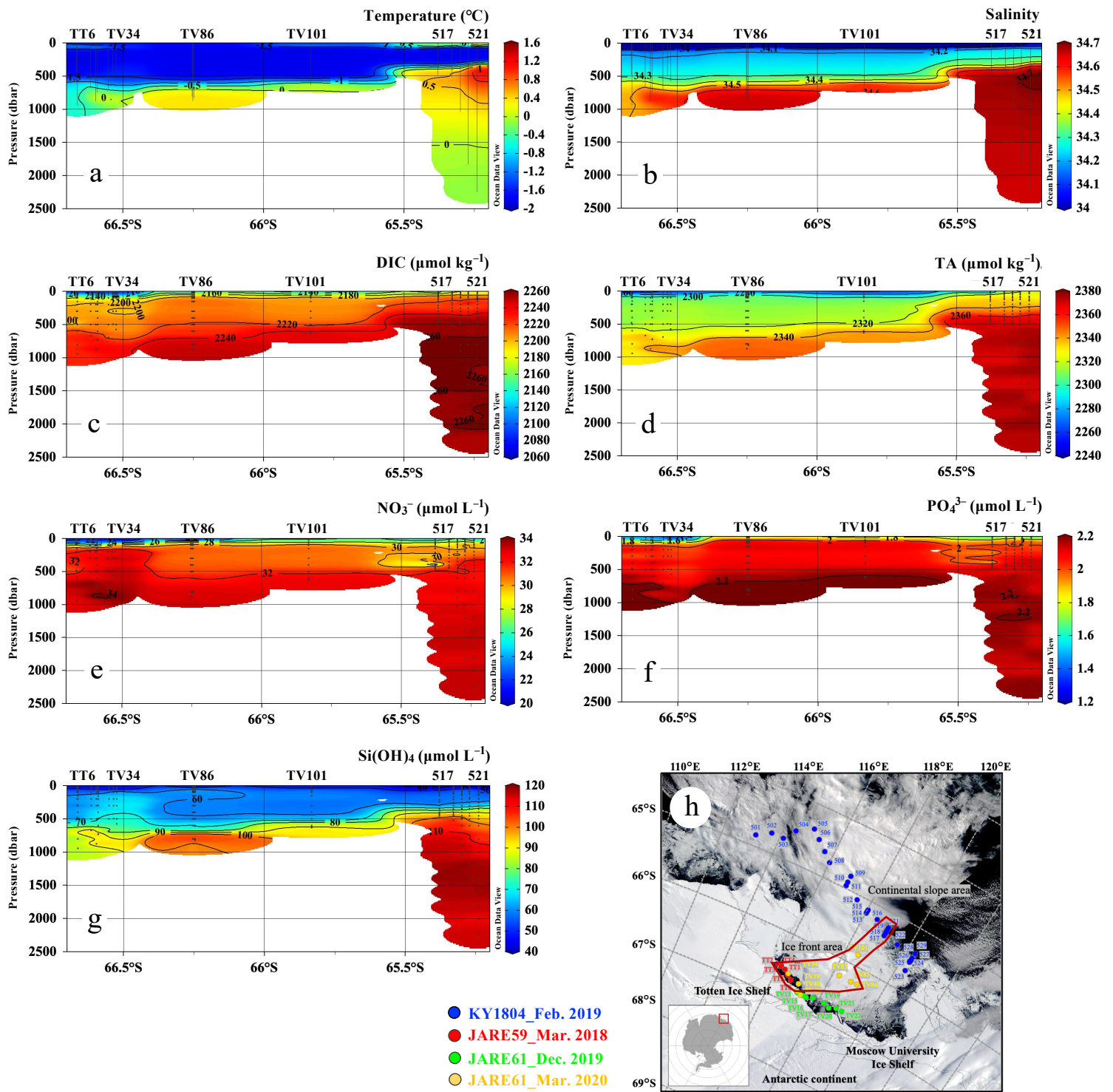


Figure 7_Tamura et al.

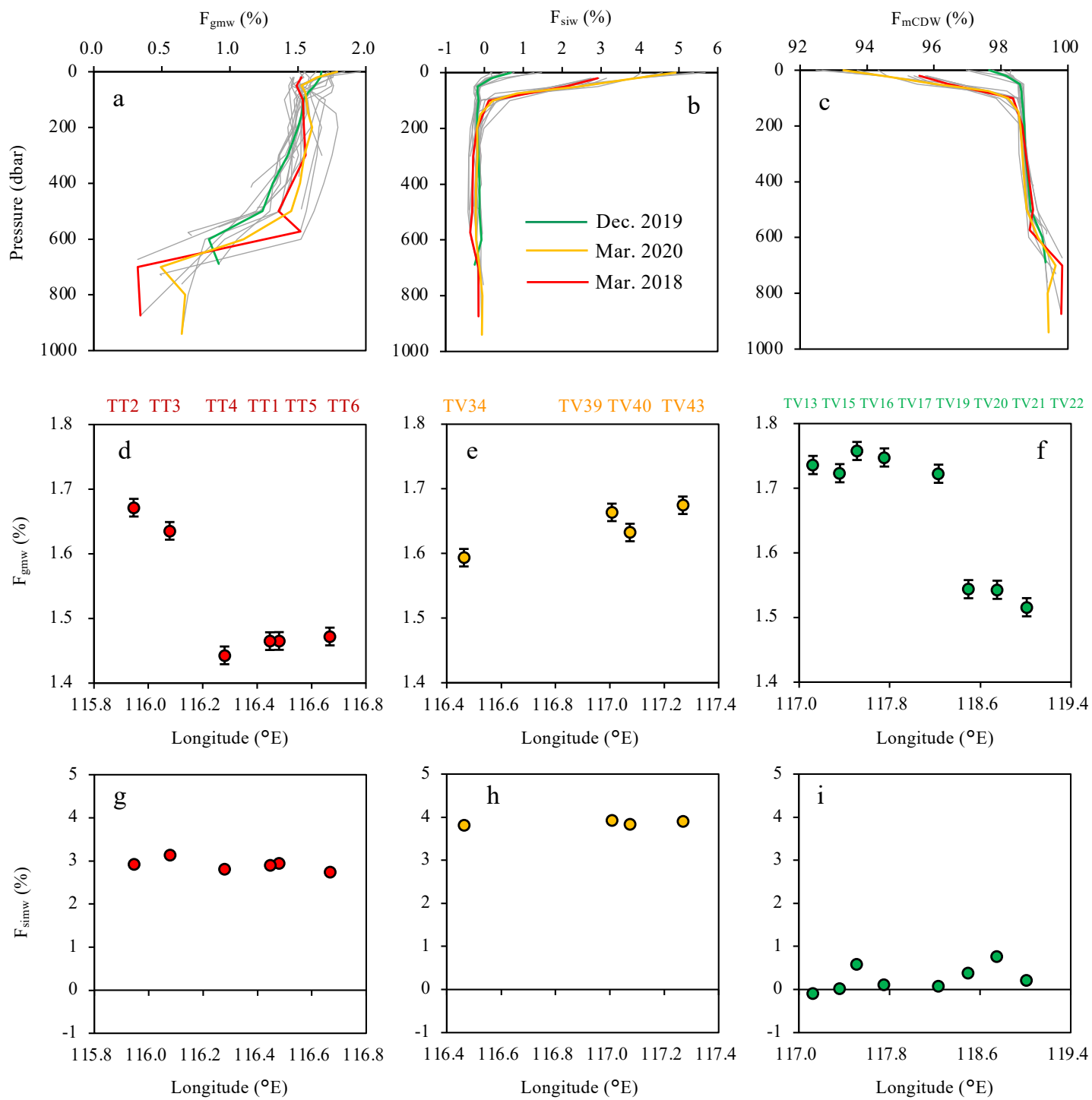


Figure 8_Tamura et al.

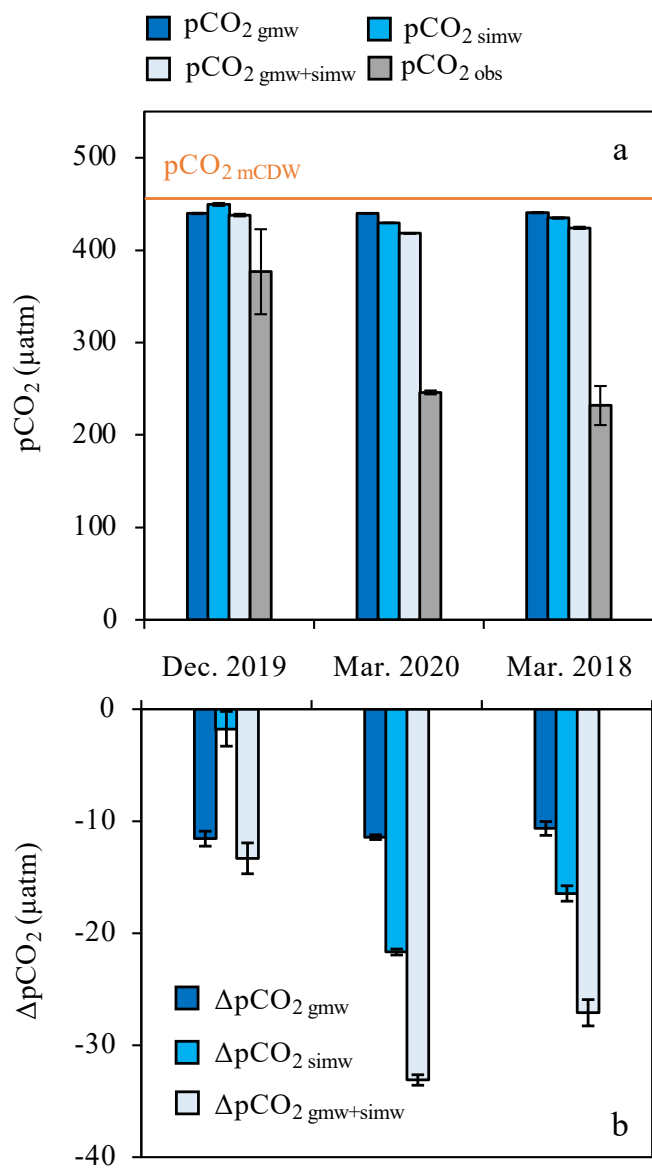


Figure 9_Tamura et al.

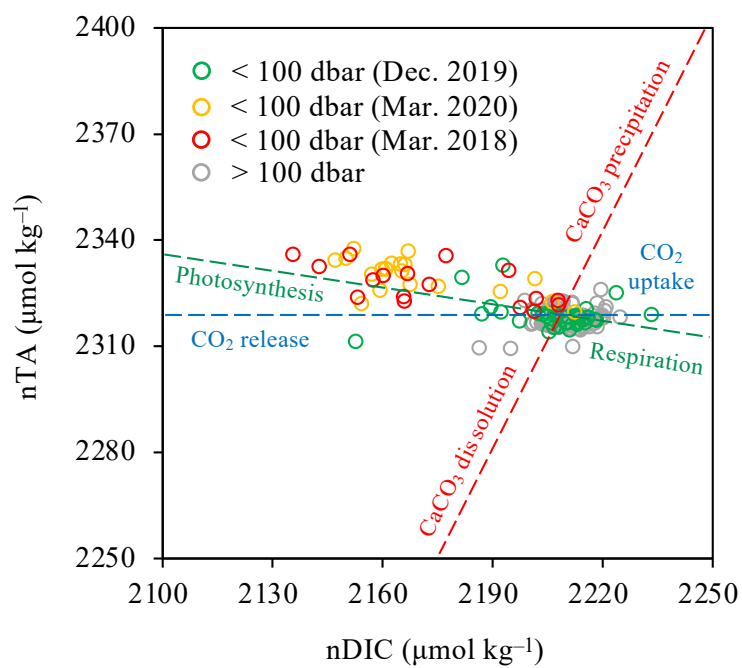


Figure 10_Tamura et al.

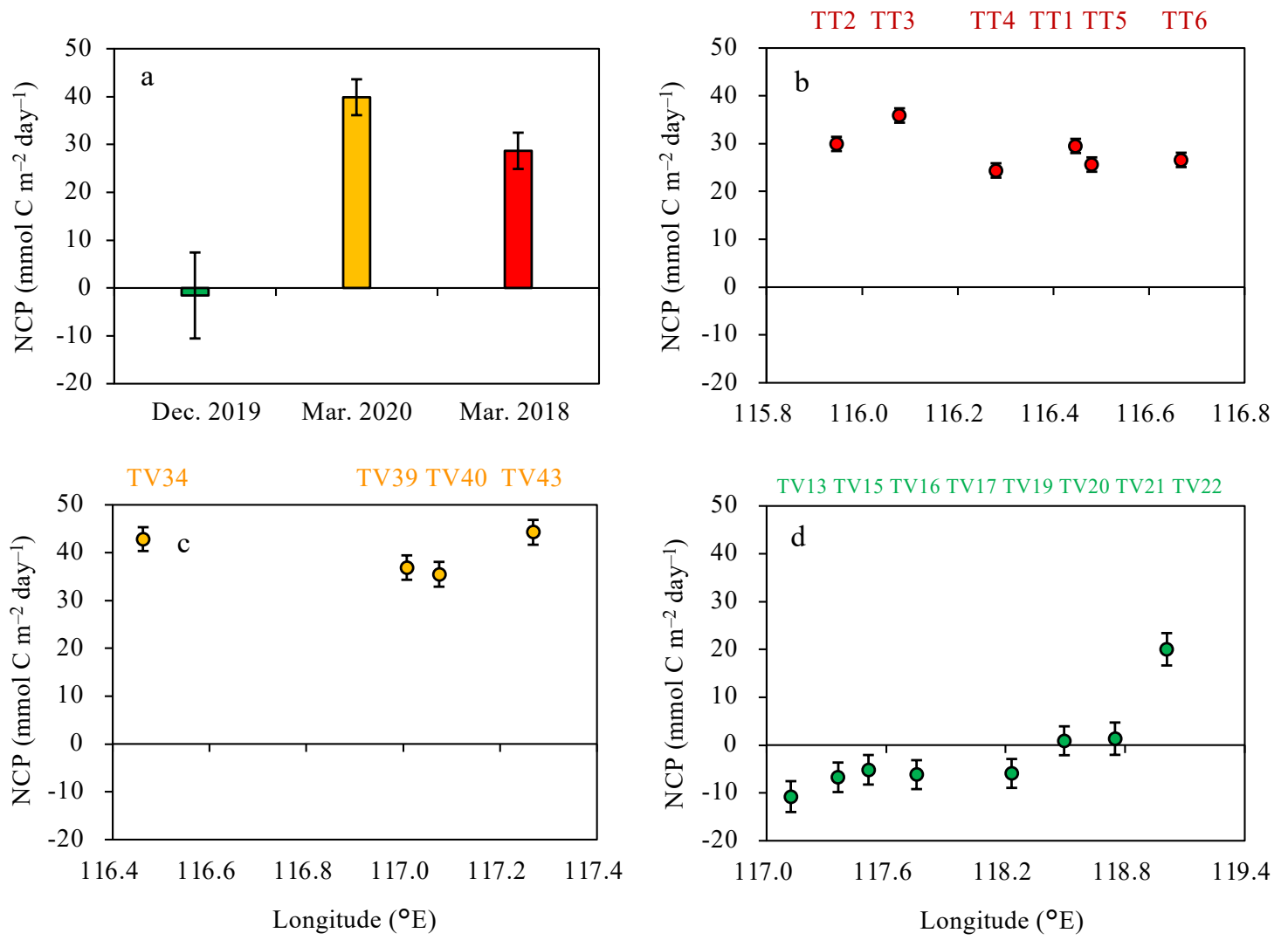


Figure 11_Tamura et al.

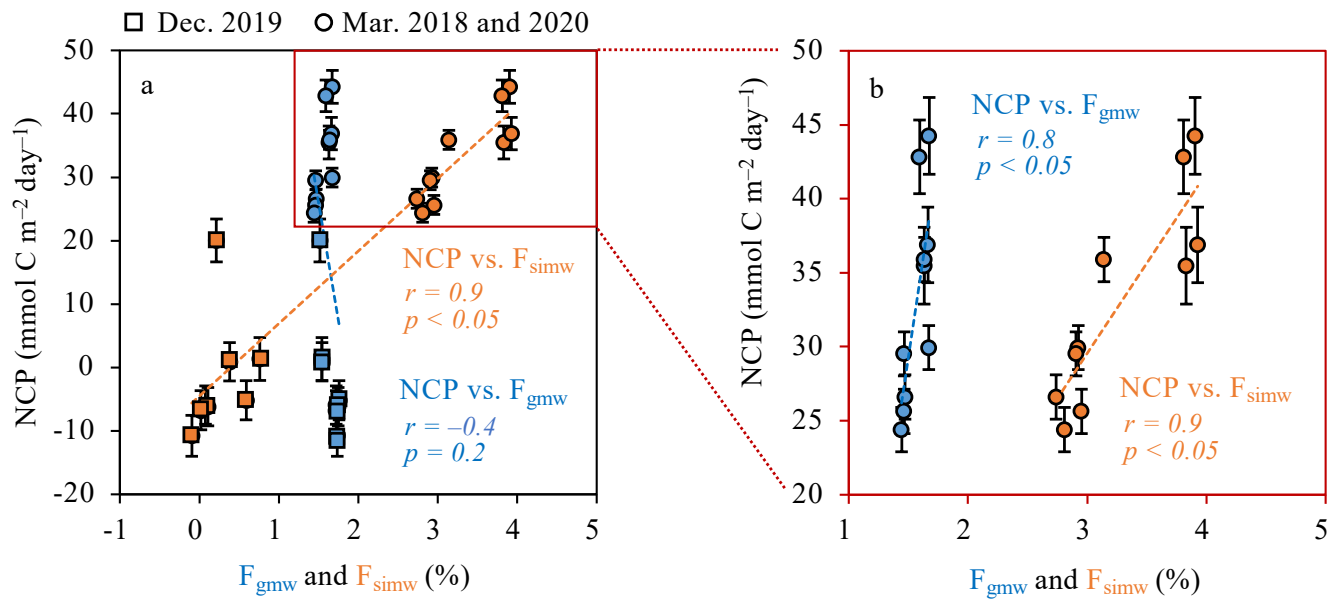


Figure 12_Tamura et al.

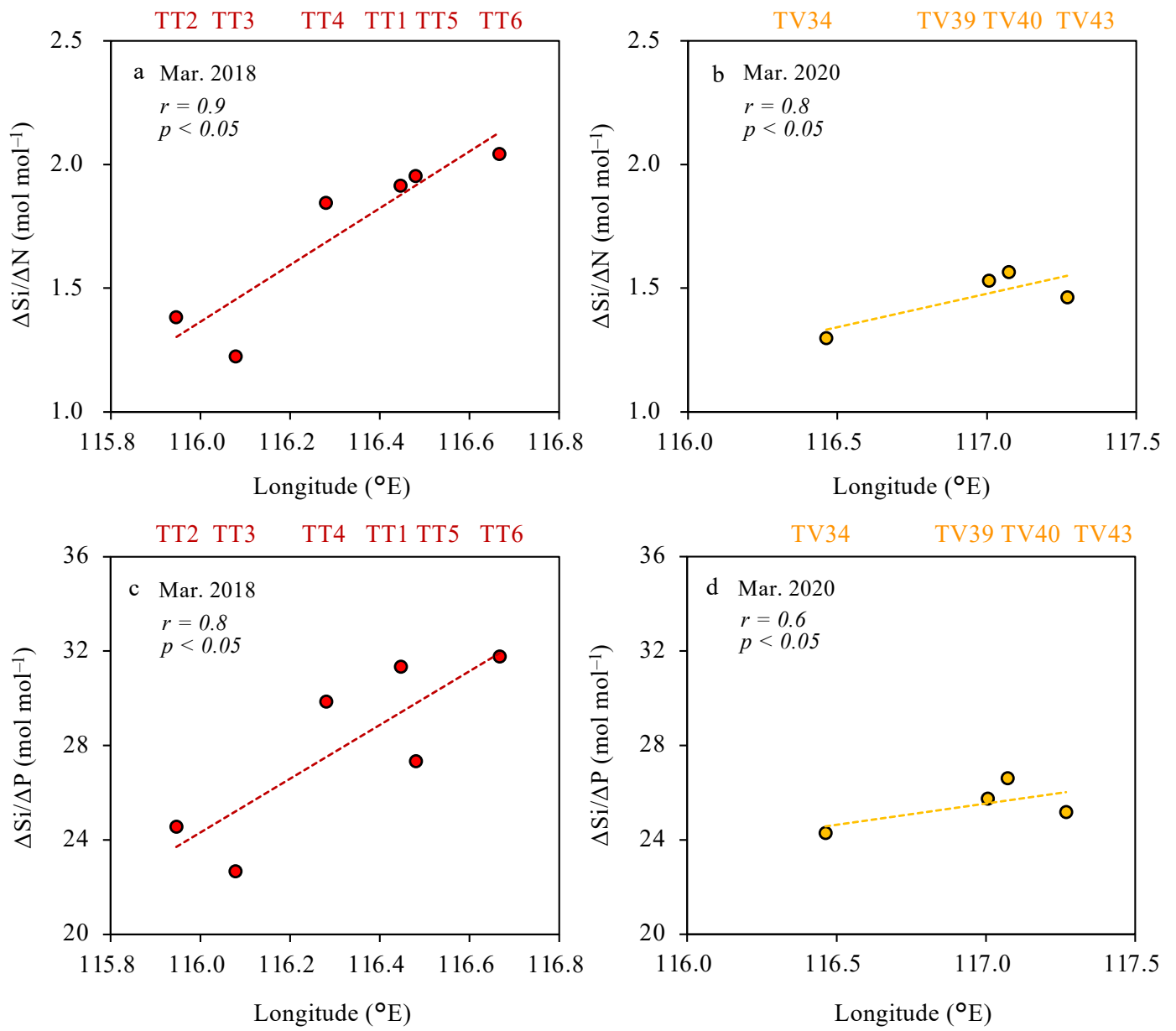


Figure 13_Tamura et al.

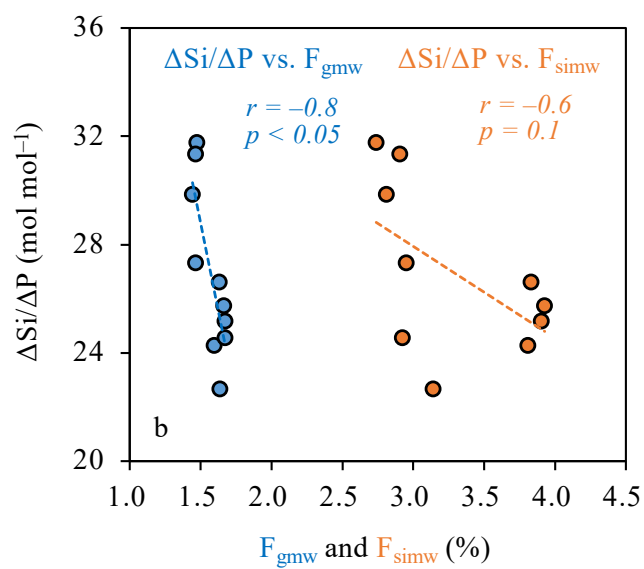
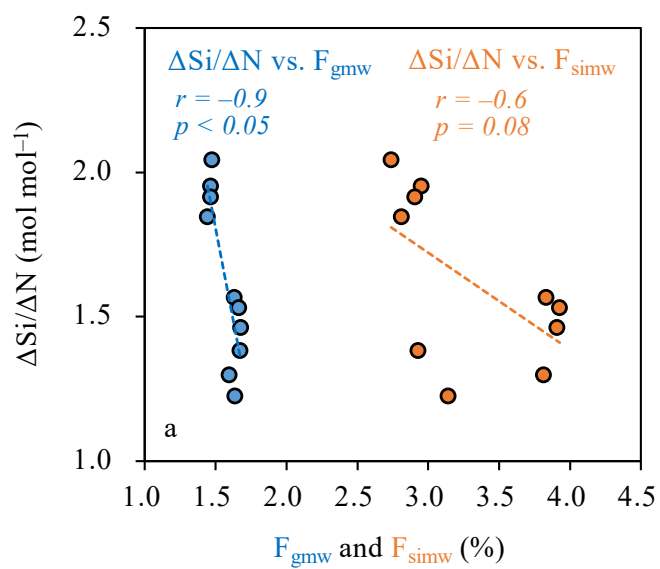


Figure 14_Tamura et al.

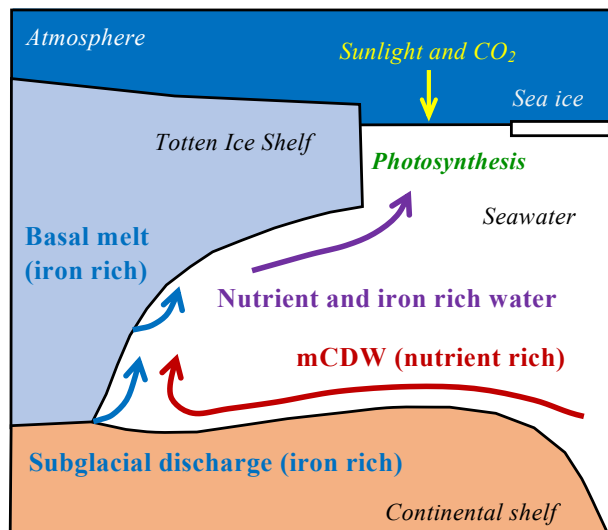


Figure 15_Tamura et al.

Table 1. Mean and standard deviation for DIC, TA, $\delta^{18}\text{O}$, NO_3^- , PO_4^{3-} , and $\text{Si}(\text{OH})_4$ for each water mass and month.

Month	Water Mass	DIC	TA	$\delta^{18}\text{O}$	NO_3^-	PO_4^{3-}	$\text{Si}(\text{OH})_4$
December	Surface	2194 ± 15	2305 ± 4	-0.55 ± 0.03	30.4 ± 1.3	2.05 ± 0.10	66.0 ± 6.8
	WW	2204 ± 3	2312 ± 1	-0.51 ± 0.01	31.0 ± 0.3	2.08 ± 0.02	60.3 ± 3.1
	mCDW	2227 ± 8	2325 ± 8	-0.31 ± 0.04	32.2 ± 0.2	2.57 ± 0.55	79.7 ± 7.5
March	Surface	2086 ± 12	2253 ± 11	-0.49 ± 0.02	20.5 ± 1.9	1.38 ± 0.10	45.0 ± 0.7
	WW	2202 ± 4	2312 ± 2	-0.53 ± 0.04	32.2 ± 0.4	2.06 ± 0.08	63.9 ± 4.1
	mCDW	2233 ± 6	2337 ± 7	-0.21 ± 0.04	33.6 ± 0.7	2.21 ± 0.08	89.5 ± 8.0

Units were $\mu\text{mol kg}^{-1}$ for DIC and TA, ‰ for $\delta^{18}\text{O}$, and $\mu\text{mol L}^{-1}$ for nutrients.