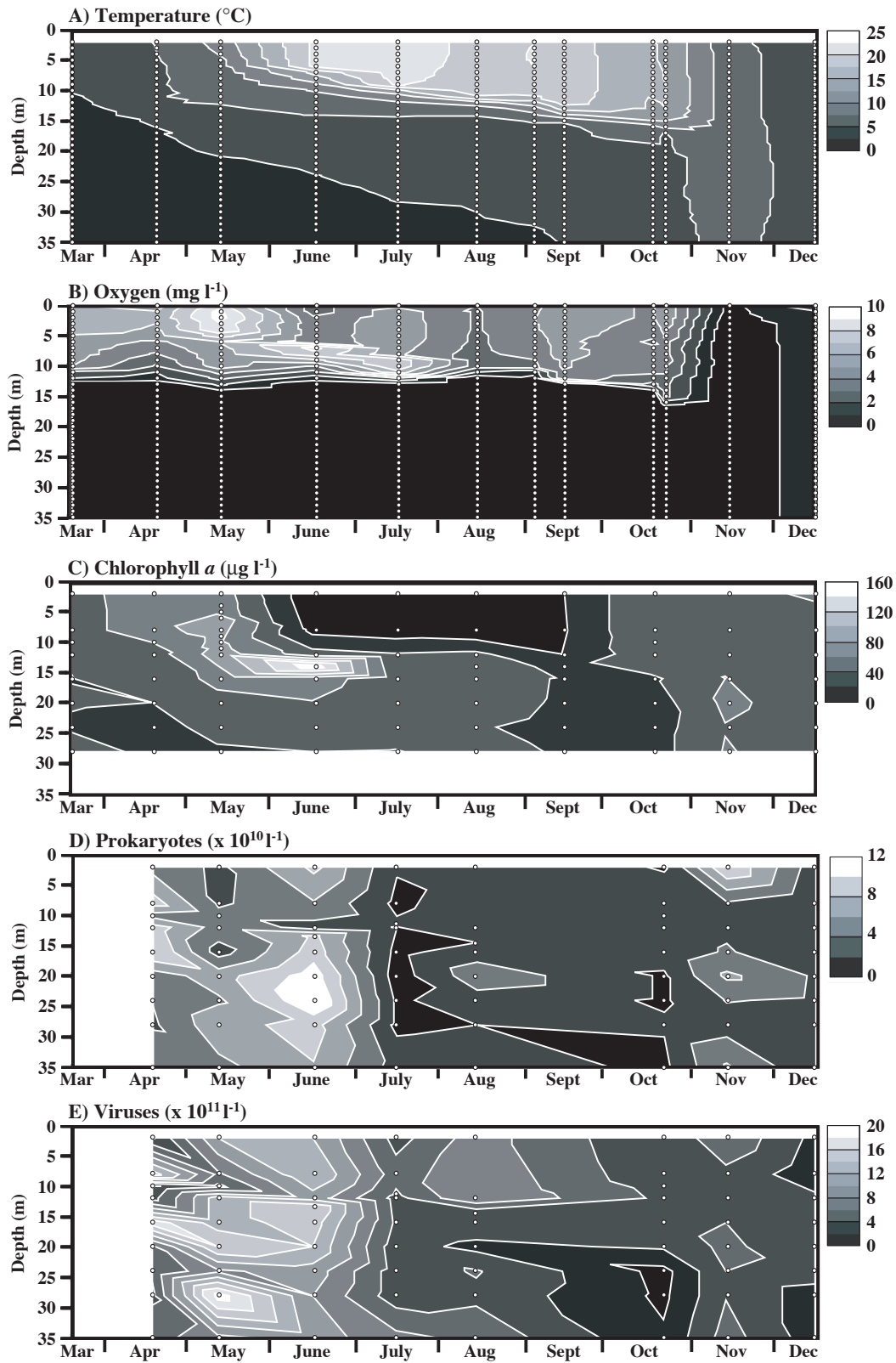
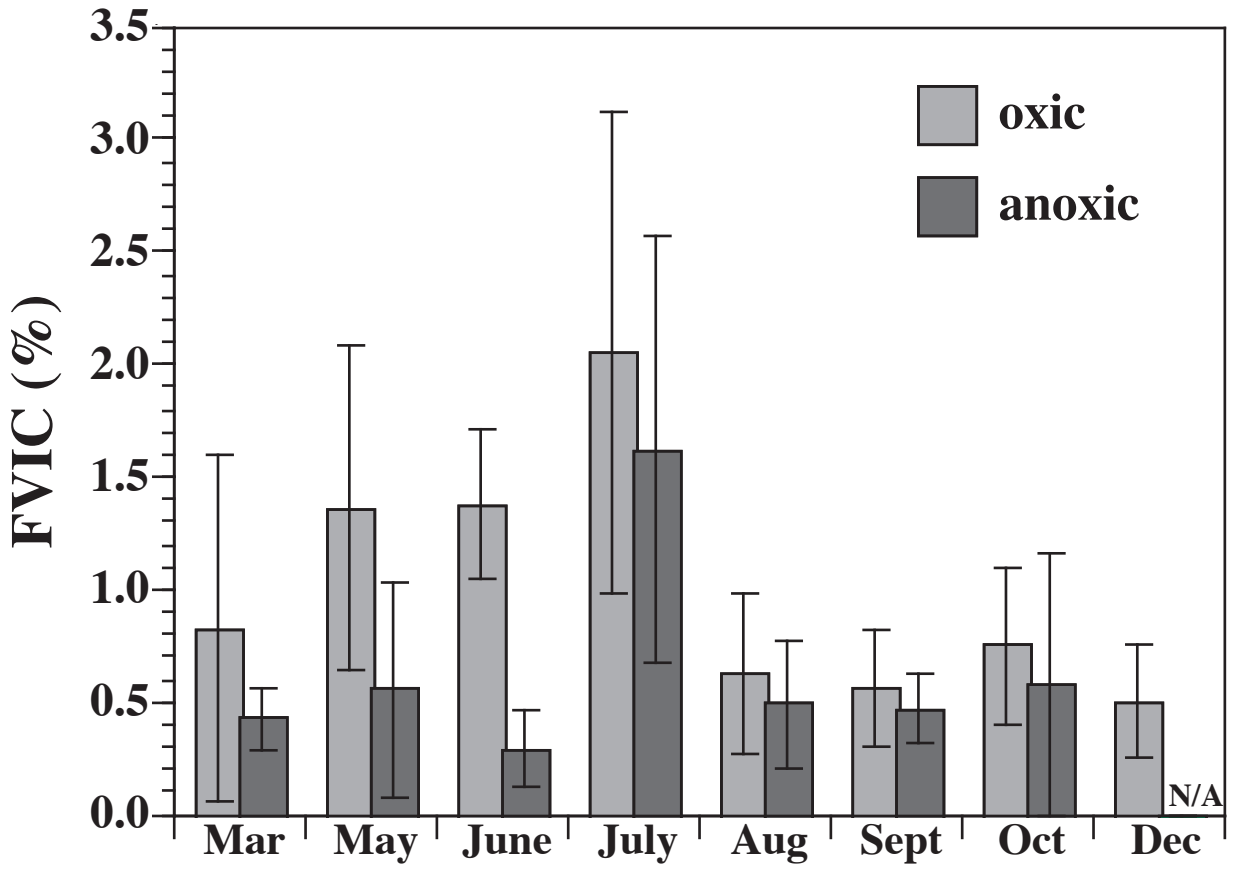


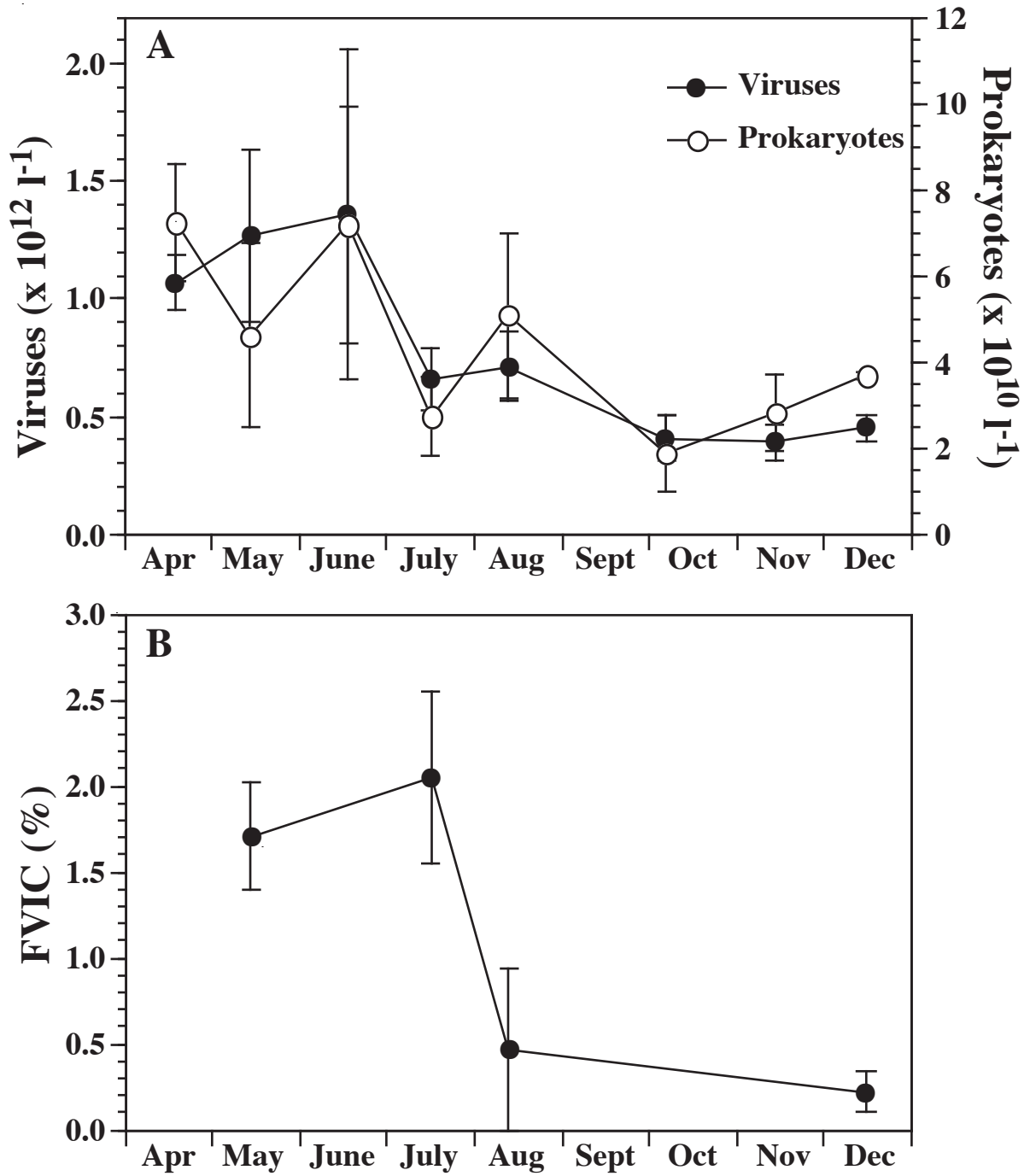
**Figure 1**  
**Brum *et al.* (submitted)**



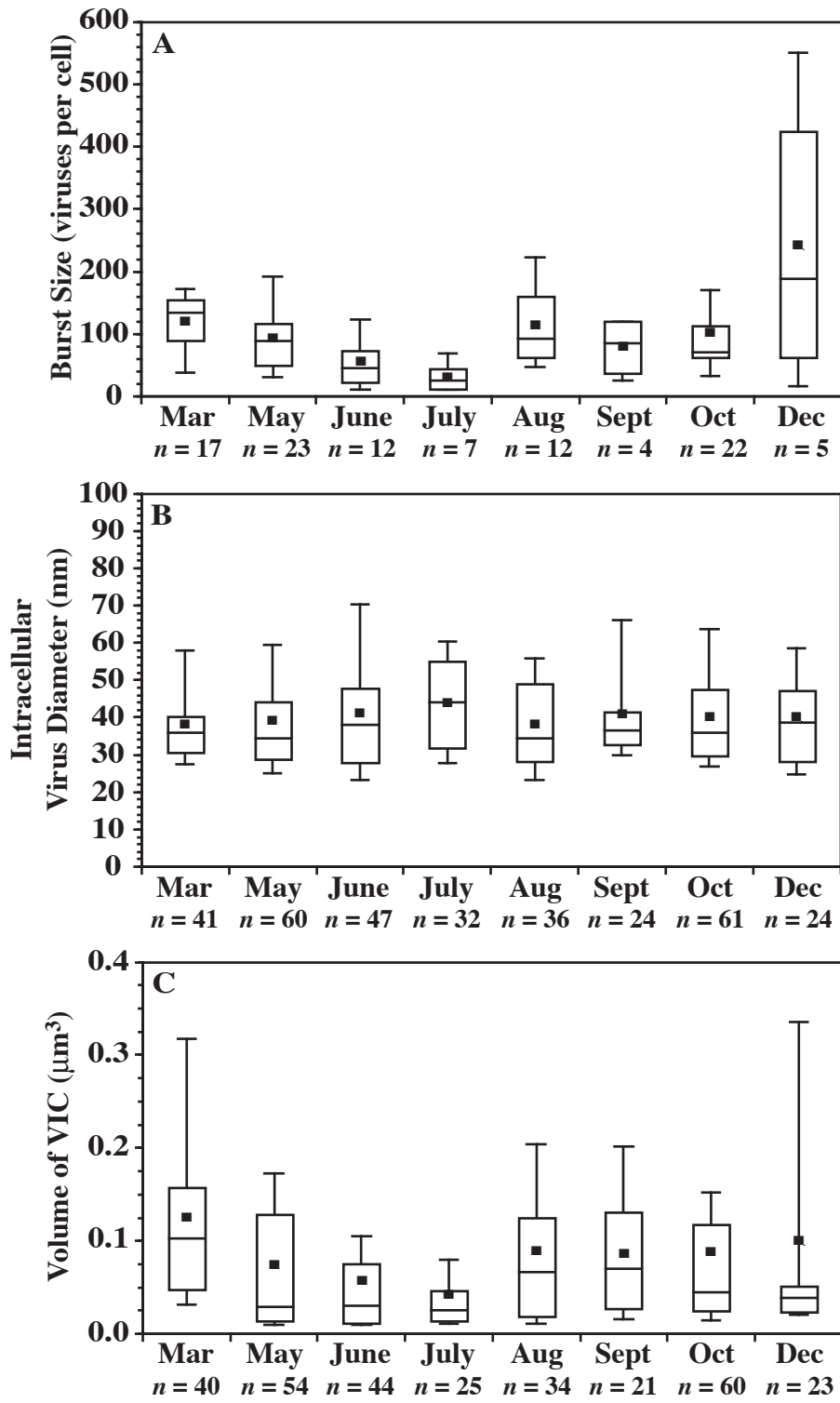
**Figure 2**  
 Brum *et al.* (submitted)



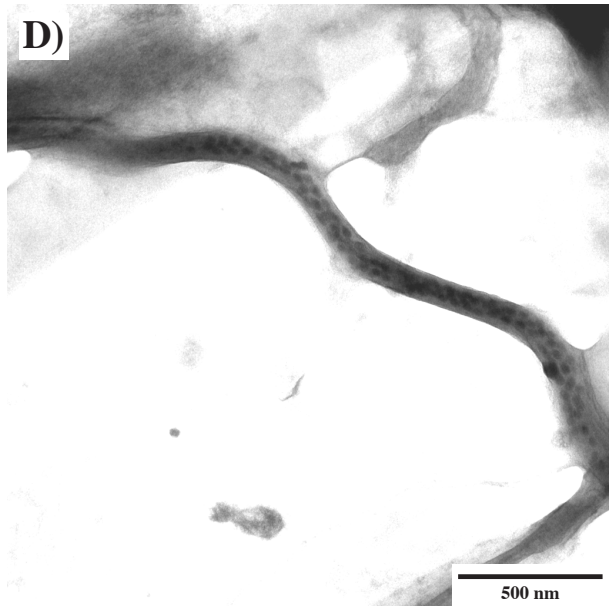
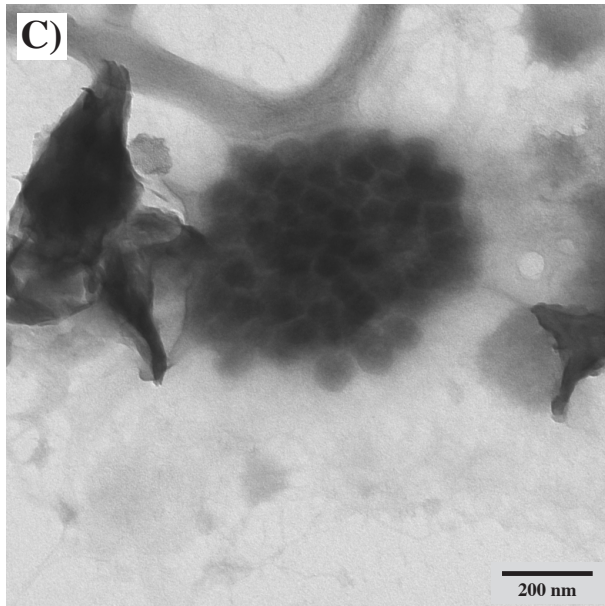
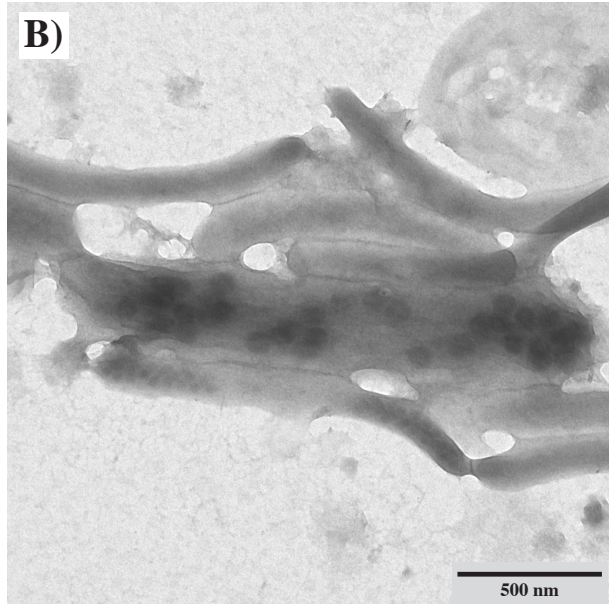
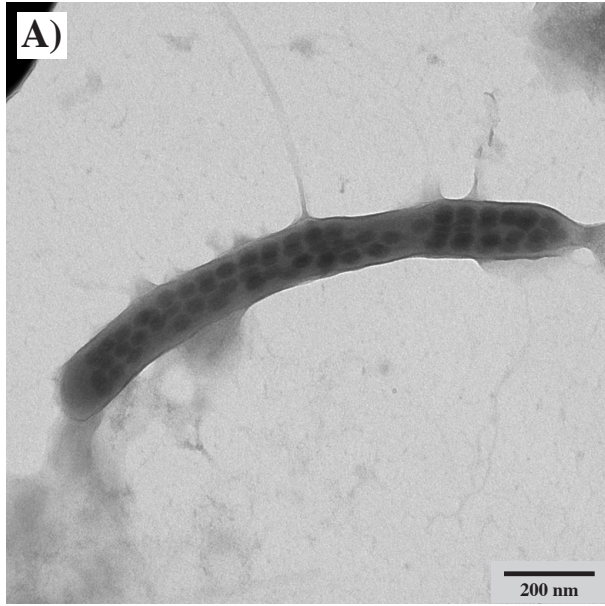
**Figure 3**  
Brum *et al.* (submitted)



**Figure 4**  
 Brum *et al.* (submitted)



**Figure 5**  
 Brum *et al.* (submitted)



**Figure 6**  
**Brum *et al.* (submitted)**

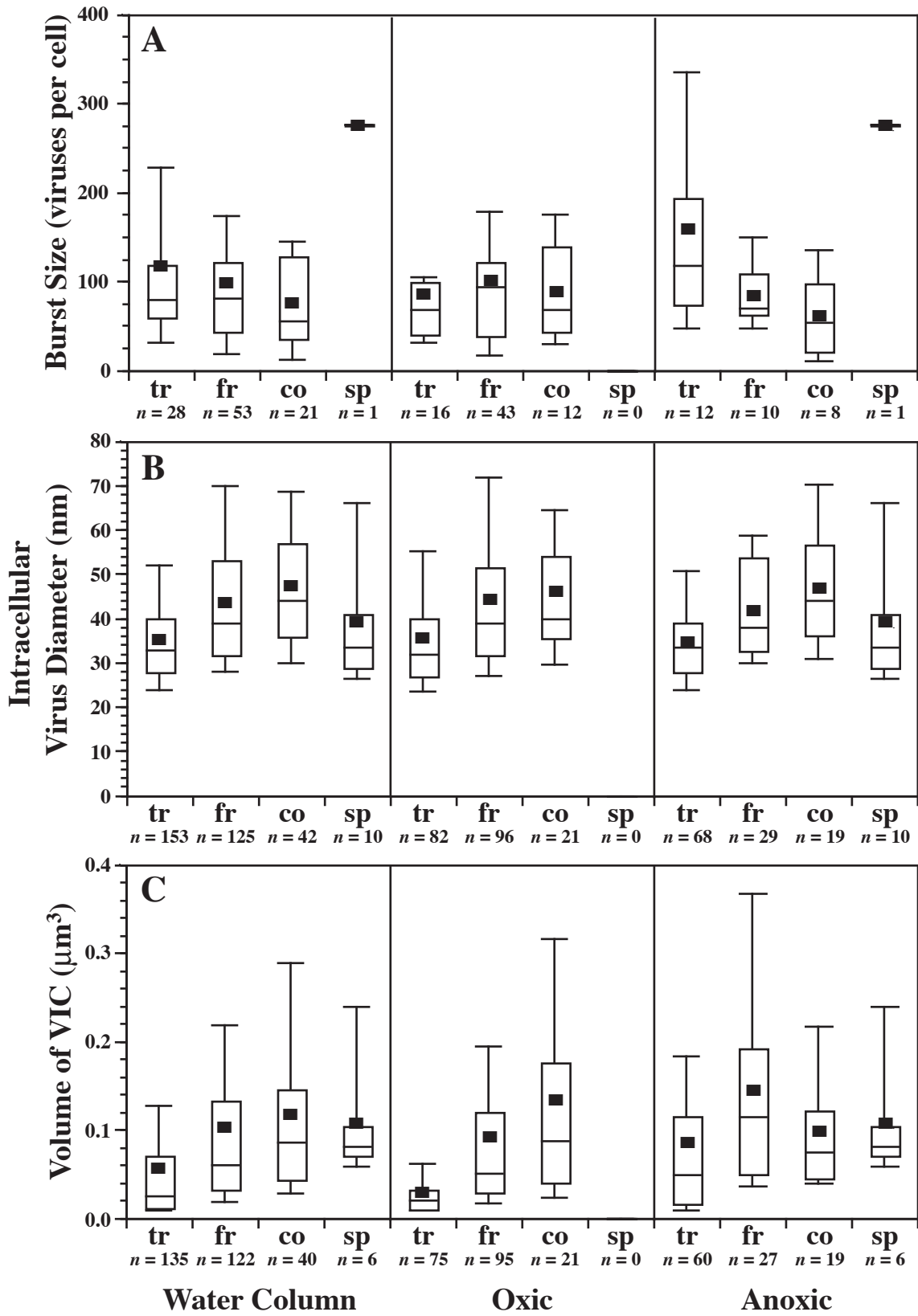


Figure 7  
 Brum *et al.* (submitted)

TABLE 1. Monthly averages of FMVL from depth profiles at Station 6. Averages and standard deviations are reported for the water column, and the oxic and anoxic zones separately.

Month	Water Column	FMVL (%) Oxic	Anoxic
March	4.7 ± 4.5	6.7 ± 6.6	3.2 ± 1.1
May	7.4 ± 6.1	11.2 ± 6.5	4.3 ± 3.9
June	5.2 ± 4.8	11.2 ± 3.0	2.1 ± 1.3
July	15.9 ± 9.8	18.3 ± 11.2	13.9 ± 9.2
August	3.9 ± 2.2	4.7 ± 2.8	3.7 ± 2.2
September	3.7 ± 1.4	4.2 ± 2.1	3.5 ± 1.2
October	5.2 ± 3.7	5.8 ± 2.8	4.5 ± 4.7
December	3.8 ± 2.0	3.8 ± 2.0	□

□ there was no anoxic zone in December



TABLE 2. Monthly averages and standard deviations of the percent of all cells, FVIC, and FVML for the three major cell morphotypes: thin rods, fat rods, and cocci. All data are from depth profiles at station 6.

Month	Percent of Cells (%)			FVIC (%)			FVML (%)		
	thin rods	fat rods	cocci	thin rods	fat rods	cocci	thin rods	fat rods	cocci
March	68.1 ± 10.5	25.9 ± 6.9	12.4 ± 4.3	0.3 ± 0.3	1.3 ± 2.2	1.2 ± 1.4	2.3 ± 2.2	14.1 ± 28.2	10.6 ± 13.9
May	59.8 ± 13.7	22.3 ± 3.8	18.0 ± 14.4	0.9 ± 0.7	1.1 ± 1.0	0.7 ± 0.7	7.3 ± 5.7	8.9 ± 9.2	5.2 ± 6.1
June	60.9 ± 6.8	30.6 ± 5.9	8.5 ± 2.1	0.6 ± 0.3	0.9 ± 1.2	0.3 ± 0.8	4.3 ± 2.6	7.4 ± 10.9	2.2 ± 6.6
July	53.3 ± 11.7	31.1 ± 7.3	15.6 ± 7.1	1.1 ± 0.8	2.0 ± 1.7	4.6 ± 4.5	9.5 ± 7.5	19.1 ± 19.4	62.7 ± 70.1
August	44.0 ± 8.0	36.8 ± 4.1	19.2 ± 7.8	0.6 ± 0.5	0.5 ± 0.4	0.8 ± 1.4	4.8 ± 3.8	3.6 ± 3.4	7.2 ± 13.6
September	51.8 ± 6.1	32.8 ± 4.9	15.4 ± 2.4	0.6 ± 0.2	0.5 ± 0.5	0.1 ± 0.3	4.1 ± 1.5	4.2 ± 3.5	0.8 ± 2.0
October	43.2 ± 12.4	30.4 ± 4.8	26.3 ± 14.5	0.8 ± 0.7	0.8 ± 1.0	0.2 ± 0.4	6.1 ± 5.5	7.2 ± 9.4	1.4 ± 2.7
December	58.8 ± 8.8	19.0 ± 2.3	22.2 ± 8.3	0.4 ± 0.3	1.2 ± 0.6	0.3 ± 0.5	2.7 ± 2.4	9.4 ± 5.2	2.7 ± 4.0