

Table 2. Linear dimensions ( $\mu\text{m}$ ) and volume ( $\mu\text{m}^3$ ), C and N quota ( $\text{pg cell}^{-1}$ ), density ( $\text{pg } \mu\text{m}^{-3}$ ), and C:N ratios ( $\text{pg pg}^{-1}$ ) of dinoflagellate species analyzed in this study. ND, no data; C.V., coefficient of variation.

Species	Length	Width	Volume	C.V.	C content	C.V.	C density	N content	C.V.	N density	C:N ratio
<b>Phototroph</b>											
<i>A. catenella</i>		28.8	13,027	0.37	2,316.25	0.15	0.178	507.15	0.10	0.039	4.57
<i>A. asymmetricum</i>	48.6	32.9	28,058	0.26	4,131.51	0.08	0.147	724.20	0.06	0.026	5.70
<i>A. carterae</i>	12.9	8.2	470	0.39	95.46	0.04	0.203	17.14	0.05	0.036	5.57
<i>A. carterae</i>	15.8	10.6	960	0.38	259.49	0.01	0.270	44.35	0.02	0.046	5.85
<i>C. fusus</i>	335.5	23.1	47,435	0.24	3,305.63	0.06	0.070	727.75	0.06	0.015	4.54
<i>C. horrida</i>	61.0	50.5	84,811	0.28	14,368.47	0.12	0.169	2,656.04	0.05	0.031	5.41
<i>G. foliaceum</i>		24.7	8,163	0.31	1,645.26	0.18	0.202	312.90	0.13	0.038	5.26
<i>Glenodinium</i> sp.	12.9	7.8	422	0.36	125.31	0.03	0.297	19.42	0.04	0.046	6.45
<i>G. sanguineum</i>	69.5	47.8	88,099	0.41	4,449.91	0.15	0.051	910.19	0.07	0.010	4.89
<i>G. simplex</i>	8.1	6.4	180	0.35	47.76	0.10	0.265	10.62	0.03	0.059	4.50
<i>P. micans</i>	41.6	27.2	16,303	0.22	2,735.08	0.11	0.168	795.57	0.14	0.049	3.44
<i>S. trochoidea</i>	28.1	23.8	8,474	0.23	2,010.97	0.08	0.237	399.19	0.06	0.047	5.04
<b>Heterotroph</b>											
<i>Bernardinium</i> sp.	25.6	10.7	1,579	0.32	222.89	0.02	0.141	48.43	0.02	0.031	4.60
<i>N. scintillans</i>	302.8	274.1	$1.2 \times 10^7$	0.37	35,339.56	0.26	0.003	ND			
<i>O. marina</i>	29.1	16.9	4745	0.56	469.48	0.04	0.099	89.09	0.02	0.019	5.27
<i>P. conicum</i>	45.6	46.2	50,721	0.35	2,717.31	0.20	0.054	ND			
<i>P. depressum</i>	86.2	70.3	278,883	0.30	30,222.32	0.68	0.108	ND			
<i>P. excentricum</i>	46.1	41.2	24,181	0.35	5,531.41	0.26	0.229	ND			
<i>P. oceanicum</i>	97.0	61.4	124,459	0.27	9,147.03	0.16	0.073	ND			
<i>P. pellucidum</i>	53.2	60.7	105,667	0.34	8,133.87	0.66	0.077	ND			