

Table 1 The phytoplankton growth rate (μ), the concentration of chlorophyll-*a* (Chl *a*), specific *Primnesiophyta biovolume* (Bprim.), *Bacillariophyta biovolume* (Bbacil.) and *Dinophyta biovolume* (Bdinoph.) algae, nutrients in the studied waters of the Black Sea in May 2013

No. station	μ , d ⁻¹	Chl <i>a</i> , mg/m ³	B _{Prim.} , %	B _{Bacil.} , %	B _{Dinoph.} , %	N-NO ₃ , mmol/m ³	N-NH ₄ , mmol/m ³	P-PO ₄ , mmol/m ³
Western part of the sea, near-shore waters (n=7)								
26, 28, 35, 38, 39; 33 34	0.80–1.35 0.26 0.97	0.10–0.12 1.10 0.33	70.5–87.6 4.5 8.0	0–13.5 92.5 87.7	2.7–20.1 3.0 4.2	0.14–0.28 0.23 0.17	0.83–1.80 1.55 1.88	0.28–0.32 0.35 0.29
Western part of the sea, open-sea waters (n=5)								
18(1), 21, 18(2), 22, 18(3)	0.94–1.44	0.10–0.13	60.0–84.7	0–10	14.2–30	0.10–0.29	0.54–1.33	0.27–0.37
Eastern part of the sea, near-shore waters (n=5)								
7, 9, 13, 14, 16	0.97–1.34	0.10–0.18	60–89.6	0–23.2	8.9–15.2	0.05–0.27	0.72–1.80	0.20–0.30