

**Table 6.** Average Proportions of Micro-Chla, Nano-Chla, and Pico-Chla Within the 0–1.5  $Z_{eu}$  Layer, for Each Trophic Category, for Stratified (S1 to S9), and Mixed Waters (M1 to M5)<sup>a</sup>

Trophic Class	Average [Chla] <sub>surf</sub> , mg m <sup>-3</sup>	f <sub>micro</sub> , %	f <sub>nano</sub> , %	f <sub>pico</sub> , %
Stratified waters				
S1	0.032	7.9	44.0	48.1
S2	0.062	13.8	41.8	44.3
S3	0.098	12.7	42.1	45.2
S4	0.158	16.7	44.5	38.8
S5	0.244	23.1	49.3	27.6
S6	0.347	27.2	48.3	24.5
S7	0.540	32.5	45.2	22.2
S8	1.235	52.4	32.8	14.8
S9	2.953	74.9	21.1	4.0
Global mixed waters (southern waters excluded)				
M1	0.234	18.0	50.7	31.2
M2	0.593	24.1	49.8	26.2
M3	0.891	28.1	57.2	14.7
M4	1.540	52.2	38.1	9.7
M5	7.964	90.9	5.3	3.7
Southern mixed waters				
M1	0.345	53.4	36.0	10.6
M2	0.605	50.7	44.1	5.2
M3	0.889	44.6	50.7	4.7
M4	1.956	40.9	56.6	2.5
M5	5.755	13.7	85.3	1.0

<sup>a</sup>The proportions of the three groups within the euphotic layer are given in Table S3 (see auxiliary material). Proportions are in percent.