



*Supplement of*

## **Phytoplankton response to increased nickel in the context of ocean alkalinity enhancement**

**Xiaoke Xin et al.**

*Correspondence to:* Xiaoke Xin (xxin@geomar.de)

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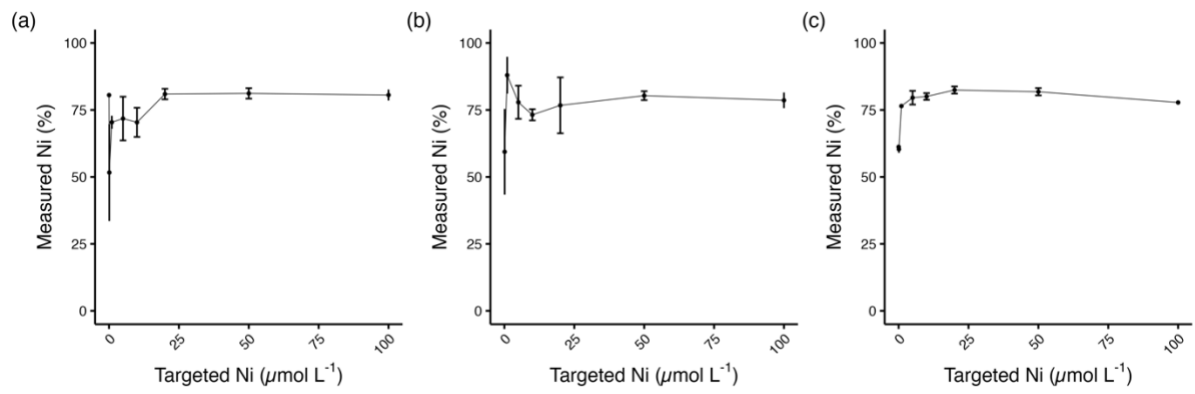


Figure S1. Percentage of measured Ni in (a) *A. carterae*, (b) *E. huxleyi* and (c) *T. weissflogii* cultures on the final experimental day. Error bars denote standard deviations (N = 3).

Table S1. Counts and growth rates of *A. carterae*, *E. huxleyi* and *T. weissflogii* cultures on the final experimental day. SD denotes standard deviation (N = 3).

Species	Ni concentration ( $\mu\text{mol L}^{-1}$ )	Count (Cells $\text{mL}^{-1}$ )	Count SD	Growth rate ( $\text{d}^{-1}$ )	Growth rate SD
<i>A. carterae</i>	0	10290	212.84	0.47	0.02
	0.01	10523.33	687.19	0.45	0.01
	0.05	11060	259.81	0.48	0.05
	0.7	11070	160	0.44	0.02
	3.59	10923.33	57.74	0.51	0.02
	7.04	7731.67	433.77	0.45	0.02
	16.19	3486.67	205.99	0.32	0.01
	40.59	3243.33	49.33	0.32	0.02
	80.57	4163.33	338.58	0.35	0.02
<i>E. huxleyi</i>	0	111703.33	20559.34	0.87	0.02
	0.06	128513.33	17199.66	0.92	0.03
	0.88	179850	23947.04	0.97	0.04
	3.89	140136.67	5834.49	0.95	0.01
	7.32	84250	7259.86	0.84	0.01
	15.34	45570	6117.85	0.76	0.06
	40.17	34026.67	3601.46	0.71	0.06
	78.6	29346.67	2060.98	0.67	0
<i>T. weissflogii</i>	0	14743.33	313.42	0.82	0.02
	0.01	13653.33	1253.01	0.8	0.05
	0.06	13741.67	2750.11	0.8	0.04
	0.76	14810	407.06	0.78	0.02
	3.98	11546.67	574.92	0.76	0.04
	8	10686.67	962.41	0.74	0.06
	16.49	9420	790.19	0.75	0.03
	40.9	4053.33	101.16	0.58	0.01
	77.79	676.67	120.97	0.3	0.03