

Table 1. Measured steady-state pH and total dissolved inorganic carbon (DIC) values in semicontinuous cultures of *Trichodesmium* GBR grown across a pCO₂ range. Shown are the known pCO₂ of the air : CO₂ mixture with which the cultures were bubbled and the calculated pCO₂ in the seawater medium based on measured pH and total DIC concentrations.

Known air pCO ₂ (Pa)	pH	DIC (μmol kg ⁻¹)	Calculated seawater pCO ₂ (Pa)
15	8.52	1844	15
39	8.20	2056	40
76	7.96	2169	76
127	7.76	2283	130
152	7.69	2339	157