

Table 1. The apparent affinities for inorganic carbon ($K_{1/2}(C_i)$) and estimations of internal pool size for *Synechococcus* PCC7002 grown under different CO_2 concentrations. Photosynthesis was measured in an O_2 electrode and the internal C_i pool by mass spectrometry. Data were calculated using a cell volume of $60 \mu L \cdot (mg \text{ Chl})^{-1}$. The data are means \pm SD from three to four measurements

	High C_i (20 000 $\mu L \cdot L^{-1} CO_2$)	Intermediate (1400 $\mu L \cdot L^{-1} CO_2$)	Air grown (350 $\mu L \cdot L^{-1} CO_2$)	Low C_i (20 $\mu L \cdot L^{-1} CO_2$)
$K_{1/2}(C_i)(\mu M)$	152 (\pm 15)	156 (\pm 11)	53.3 (\pm 7.4)	14.4 (\pm 4.8)
Internal C_i pool (mM)	18.3 (\pm 2.3)	19.0 (\pm 2.1)	32.1 (\pm 1.9)	55.4 (\pm 2.5)