

**Table 3.** Estimated photosynthetic  $V_{\max}$  ( $\mu\text{mol CO}_2\cdot\text{mg}^{-1}$  chlorophyll $\cdot\text{h}^{-1}$ ) and apparent  $K_{0.5}(\text{CO}_2)$  for cells in high, low, and very low  $\text{CO}_2$  states (using data from Fig. 6).

State	$V_{\max}$	$K_{0.5}(\text{CO}_2)$ (% $\text{CO}_2$ )	$K_{0.5}(\text{CO}_2)$ ( $\mu\text{mol}\cdot\text{L}^{-1}$ $\text{CO}_2$ )
High	97	0.204	68.1
Low	93	0.015	5.0
Very low	49	0.001	0.4