(a)

Variable LT: mean 18.5 °C

Cool phase: 16 °C

Warm phase: 21 °C

(b)

Variable LT: mean 25.5 °C

Cool phase: 23 °C

Warm phase: 28 °C

Total carbonfixation rate (10^{-7} umol carbon cell^{-1} h^{-1})

(a): 0.26, 0.14, 0.55 | 0.05 | 0.79

(b): 0.00046, 0.5, 0.012 | 0.99 | 0.29

(c)

Photosynthetic rate (10^{-7} umol carbon cell^{-1} h^{-1})

(c): 0.49, 0.61, 0.97 | 0.38 | 0.95

(d): 0.00017, 0.12, 0.85 | 0.46 | 0.25

(e)

Calcification r ate (10^{-7} umol carbon cell^{-1} h^{-1})

(e): 0.24, 0.29, 0.62 | 0.061 | 0.82

(f): 7.2e−05, 0.36, 0.0012 | 0.38 | 0.76

Constant

1d

2 d