Table S1. Effects of temperature (20 °C and 40 °C) and light (150 and 450 μmol quanta $m^{-2}s^{-1}$) on *Cymodocea nodosa* photosynthetic pigments (μmol/gDw). Values represent mean ± SE ($n = 3$); l indicate significant differences among light levels under the same temperature ($p < 0.05$, SNK test); t indicate significant differences among temperatures under the same light level ($p < 0.05$, SNK test); capital T and L indicate differences among one factor (respectively temperature and light) independently of the other; L*T indicate interaction among factors ($p < 0.05$, SNK test). No letters indicate no significant differences (or no significant interaction among factors in two-way ANOVA).

Photosynthetic pigment (μmol gDW^{-1})	Statistics ($p < 0.05$)	Light (μmol quanta/m^2s^{-1})	Temperature (°C)	
			20 °C	40 °C
Chlorophyll *a*		150	1.20 ± 0.21	1.55 ± 0.29
		450	1.08 ± 0.20	1.44 ± 0.12
Chlorophyll *b*	T	150	0.37 ± 0.06	0.74 ± 0.09
		450	0.40 ± 0.05	0.82 ± 0.09
Total Chlorophyll (ChlT)	T	150	1.57 ± 0.26	2.28 ± 0.39
		450	1.47 ± 0.25	2.26 ± 0.21
Chl *a*/Chl *b*	T, L	150	3.27 ± 0.14	2.07 ± 0.13
		450	2.67 ± 0.17	1.77 ± 0.09
Chl *a*/Chl T	T,L	150	0.77 ± 0.01 t	0.67 ± 0.01
		450	0.73 ± 0.01 t	0.64 ± 0.01
Chl *b*/Chl T	T,L	150	0.23 ± 0.01 t	0.33 ± 0.01
		450	0.27 ± 0.01 t	0.36 ± 0.01
Neoxanthin		150	0.04 ± 0.01	0.08 ± 0.03
		450	0.04 ± 0.01	0.06 ± 0.02
Lutein		150	0.15 ± 0.02	0.24 ± 0.07
		450	0.16 ± 0.03	0.17 ± 0.04
β-Carotene		150	0.25 ± 0.02	0.23 ± 0.07
		450	0.18 ± 0.05	0.18 ± 0.04
Violaxanthin (V)	L	150	0.16 ± 0.03	0.18 ± 0.06
		450	0.09 ± 0.03	0.07 ± 0.02
Antheraxanthin (A)	T	150	0.07 ± 0.02	0.02 ± 0.01
		450	0.06 ± 0.02	0.05 ± 0.01
Zeaxanthin (Z)	L	150	0.03 ± 0.01	0.008 ± 0.008
		450	0.05 ± 0.01	0.044 ± 0.012
V+A+Z		150	0.26 ± 0.05	0.21 ± 0.06
		450	0.21 ± 0.06	0.16 ± 0.04
Total carotenoids (CarT)		150	0.71 ± 0.11	0.77 ± 0.24
		450	0.59 ± 0.14	0.58 ± 0.13
CarT/ChlT (mmol/mol)	T	150	451.33 ± 16.00	331.06 ± 72.15
		450	383.38 ± 38.90	248.70 ± 40.45