The following supplement accompanies the article

Thermal dependence of seagrass ecosystem metabolism in the Red Sea

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Marine Ecology Progress Series 614: 79–90 (2019)

Table S1. Results from the one-way ANOVA test comparing net community production (NCP), respiration (R), gross primary production (GPP) and gross primary production/ respiration ratio (GPP/R) between sites for those months in which data is available for both sites. Bold numbers indicate significant values and blank cells indicate data not available.

Sampling month	NCP			R			GPP			GPP/R		
	DF	F	P	DF	F	P	DF	F	P	DF	F	P
June												
July	6	86.2	**<0.0001**	6	0.93	>0.05	6	16.74	**<0.01**	6	184.52	**<0.0001**
August	9	10.57	**<0.01**	9	6.06	**<0.05**	9	0.01	>0.05	9	44.44	**<0.0001**
September												
October												
November	6	18.79	**<0.01**	6	2.64	>0.05	6	0.29	>0.05	6	34.32	**<0.01**
February	6	2.02	>0.05	6	4.29	>0.05	6	7.99	**<0.05**	6	0.013	>0.05
April	6	6.56	**<0.05**	6	2.08	>0.05	6	0.04	>0.05	6	15.08	**<0.01**

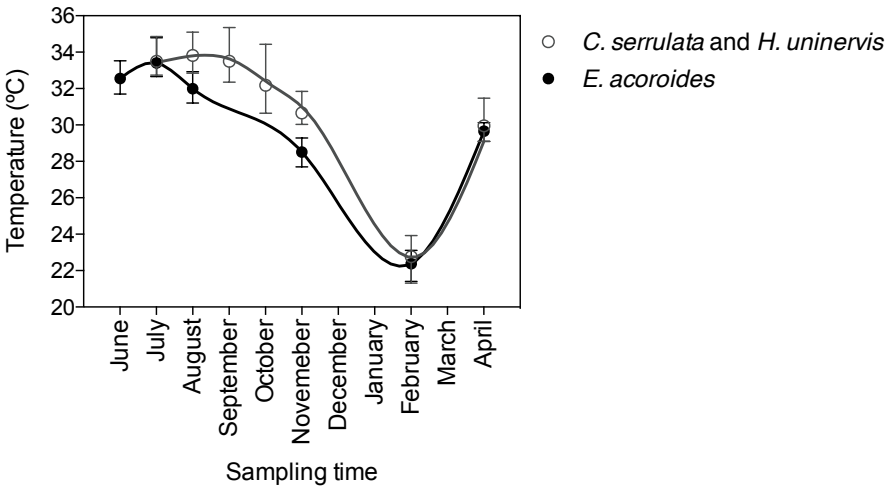

Fig. S1. Daily mean seawater temperature (˚C) at each sampled month at the monospecific (black dots) and the mixed (white dots) meadows. Bars indicate minimum and maximum daily seawater temperature.

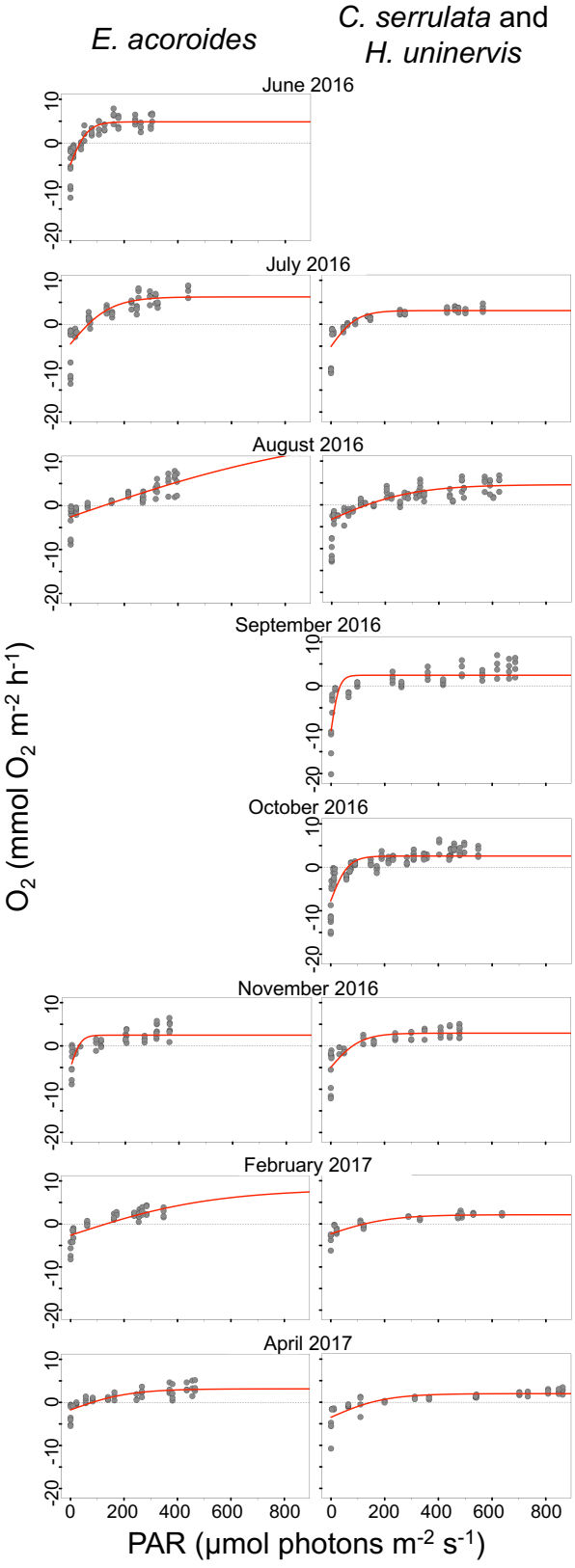

Fig. S2. Relationship between the net community production and the photosynthetically active radiation (PAR) for each month and each site (left: *E. acoroides* monospecific meadow, right: *C. serrulata* and *H. uninervis* mixed meadow), showing the fitted community production-irradiance curves (red lines).