

Table S1. Physicochemical parameters measured at field sites on both sampling dates.

Site	Date	Physicochemical Parameters				
		Water Temp (°C)	Salinity (‰)	pH	Turbidity (NTU)	DO ^a (mg × L ⁻¹)
Bahia Beach	9/2/10	28.4	24.0	8.3	5.3	7.7
	9/15/10	28.1	25.0	8.2	5.3	6.8
Fort DeSoto	9/2/10	29.2	32.0	8.3	10.2	5.6
	9/15/10	30.2	34.0	8.1	6.9	9.9
Green Swamp	9/1/10	27.3	0.1	7.7	0.7	5.6
	9/16/10	25.9	0.4	6.9	1.5	6.5
Lake Carroll	9/1/10	28.6	0.1	8.0	0.8	7.1
	9/16/10	30.1	0.1	7.5	1.4	8.3
Hillsborough River	9/2/10	26.1	0.1	8.0	1.1	3.6
	9/16/10	27.4	0.2	7.1	0.7	4.6

^aDO, dissolved oxygen