

The following supplement accompanies the article

Temporal dynamics of fish assemblages of natural and artificial tropical estuaries

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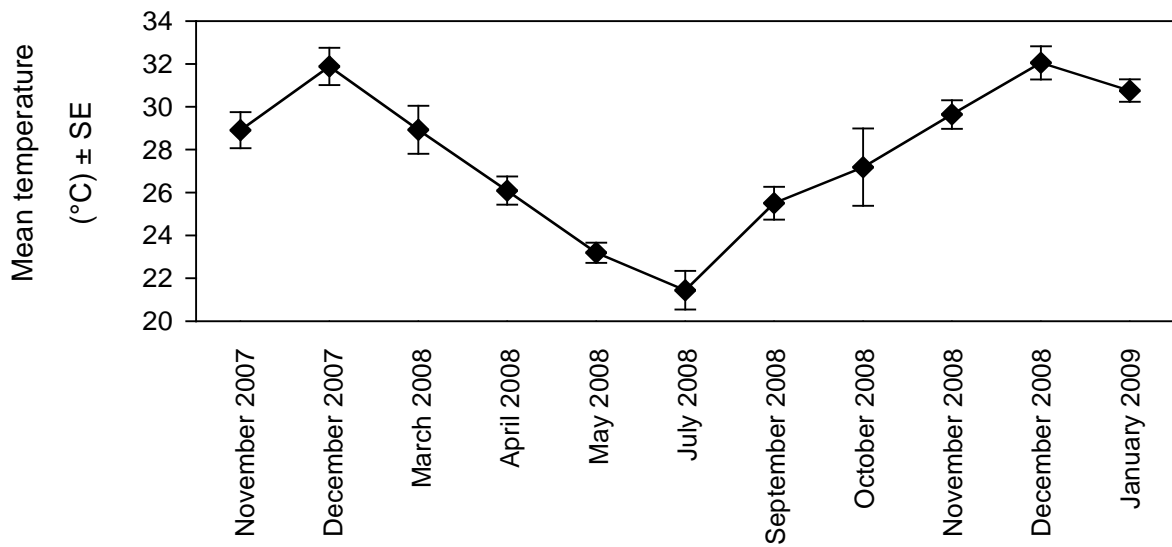
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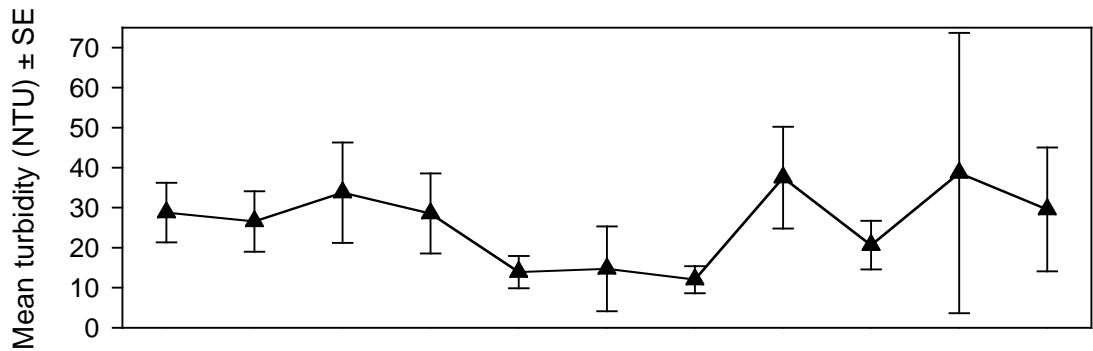
Supplement 1. Seasonal trends in water temperature and turbidity across sites

Fig. S1. Mean water temperature (°C) ±SE. Table values are deviations from the mean temperature pattern. Estuaries are ranked by the proportion of trips with positive deviations compared to trips with negative deviations. Positive deviations at top of cells, negative deviations at bottom of cells



Healy Ck	3.4	0.3	0.3	2.0	-0.3	-2.3	2.0		2.9		
Bluewater Ck	3.3		6.6	2.1	-1.3	-1.2	1.4		0.8		
Curralea Lake			-1.6	0.7	0.3	2.7	1.9		1.4		-0.2
Cocoa Ck	-1.6	2.3	-0.1	0.9	1.5	0.6	-0.6		0.8		0.9
Sandfly Ck	2.7			0.4	0.0	-3.4	1.7		0.1		
Keyatta Lake			-2.6	-0.1	0.0	2.3	1.9		0.0		
Doughboy Ck	-0.7	0.1	-1.0	-1.6	1.2	0.9	-0.4	0.2	-0.5	0.4	-0.7
Crab Ck	-1.6	0.0	-1.6	-0.9	0.3	0.5	-2.8	2.0	-0.8	-0.2	0.2
Insulator Ck		0.6	-0.2	-0.1	-0.2	1.7	0.0		-0.9		
Hell Hole Ck	-1.3	-1.9	-1.1	-1.3	0.5	2.3	-2.5	-2.2	-0.4	-0.3	-0.4
Mud Ck	0.6	-2.4	-1.2	-1.6	-1.8	-1.5	-0.6		-1.7		

Fig. S2. Mean turbidity (nephelometer turbidity units, NTU) \pm SE. Table values are deviations from the mean turbidity pattern. Estuaries are ranked by the proportion of trips with positive deviations compared to trips with negative deviations. Positive deviations at top of cells, negative deviations at bottom of cells



	November 2007	December 2007	March 2008	April 2008	May 2008	July 2008	September 2008	October 2008	November 2008	December 2008	January 2009
Sandfly Ck	35.2			-10.6	9.1	3.8	15.5		22.4		
Doughboy Ck	5.0	5.5	23.8	32.5	0.6	2.3	-1.5	9.5	-2.6	38.8	23.4
Cocoa Ck	-4.8	19.0	23.8	11.5	16.1	-7.2	3.5		-2.1		2.4
Crab Ck	-10.5	1.5	40.8	2.5	2.1	45.3	3.0	0	-5.6	-13.2	-8.1
Bluewater Ck	35.2		-9.8	-16.1	-8.9	-10.5	1.5		-4.1		
Mud Ck	2.2	-8.5	0.3	-13.6	-4.4	-5.7	-4.0		-7.0		
Hell Hole Ck	-17.4	-13.0	-12.3	24.5	2.1	-2.2	-2.0	-9.5	-2.6	-25.7	-7.1
Insulator Ck		-4.0	-2.8	-5.6	-5.9	-3.2	-4.0		9.4		
Healy Ck	-5.8	-4.5	-17.8	-4.6	-0.4	-9.2	-4.5		10.4		
Keyatta Lake			-26.8	-24.6	-9.9	-13.2	-5.0		-13.6		
Curralea Lake			-29.8	-22.6	-10.9	-13.2	-10.0		-15.6		-21.6