

Supplementary material

Temporal patterns of association between the jellyfish *Catostylus mosaicus* and a sphaeromatid isopod and parasitic anemone

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Table S1. Sampling dates, *Catostylus mosaicus* bell-diameter ranges and means \pm standard errors (s.e.) for each of the sampling methods

Date	Boat sampling		<i>In situ</i> sampling		Dissected jellyfish	
	Range of <i>C. mosaicus</i> bell diameter (cm)	Mean bell diameter of <i>C. mosaicus</i> \pm s.e. (cm)	Range of <i>C. mosaicus</i> bell diameter (cm)	Mean bell diameter of <i>C. mosaicus</i> \pm s.e. (cm)	Range of <i>C. mosaicus</i> bell diameter (cm)	Mean bell diameter of <i>C. mosaicus</i> \pm s.e. (cm)
5-Aug-2008	14–29	20.2 \pm 0.9				
24-Sep-2008	8–22	14.4 \pm 0.8			18–20	18.8 \pm 1
6-Nov-2008	Jellyfish absent					
17-Dec-2008	Jellyfish absent					
15-Jan-2009	Jellyfish absent					
10-Mar-2009	15–25	18.9 \pm 0.6	14–26	18.7 \pm 0.5	21–22	21.4 \pm 0.5
1-Apr-2009	14–26	19.5 \pm 0.6	7–24	18.0 \pm 0.3		
30-Apr-2009	14–26	21.1 \pm 0.8	6–25	20.1 \pm 0.5	21–23	22 \pm 1.2
2-Jun-2009	15–28	21.6 \pm 0.8	5–27	19.7 \pm 0.6	22–27	23.9 \pm 2.2
17-Jul-2009	11–26	20.4 \pm 0.9	9–29	19.7 \pm 0.5	21–24	22.5 \pm 1.3
14-Sep-2009	19–27	22.6 \pm 0.5			21–23	21.9 \pm 0.9
21-Oct-2009	18–28	23.2 \pm 1.1			21–24	22.8 \pm 1.5
17-Nov-2009	18–24	21.2 \pm 0.7				
14-Dec-2009	13–28	21.7 \pm 1			22–24	23 \pm 1.2
9-Feb-2010	19–31	26.3 \pm 0.8			22–24	23 \pm 1.2
9-Apr-2010	12–31	23.9 \pm 1.1			21–25	22.5 \pm 1.9
27-May-2010	11–28	19.9 \pm 0.9			21–22	21.8 \pm 0.5
28-Jul-2010	14–28	21.9 \pm 0.7			21–23	22 \pm 1.2
7-Sep-2010	16–28	23.6 \pm 0.6			23–24	23.5 \pm 0.6

Table S2. Sampling dates with the number of *Catostylus mosaicus* sampled on each day, and the numbers of isopods (*Cymodoce gaimardii*) and anemones (*Anemonactis clavus*) associated with *C. mosaicus* on each day, for each of the sampling methods

Date	Boat sampling		<i>In situ</i> sampling			Dissected jellyfish			
	Number of <i>Catostylus mosaicus</i>	Total number of <i>Cymodoce gaimardii</i>	Total number of <i>Anemonactis clavus</i>	Number of <i>Catostylus mosaicus</i>	Total number of <i>Cymodoce gaimardii</i>	Total number of <i>Anemonactis clavus</i>	Number of <i>Catostylus mosaicus</i>	Total number of <i>Cymodoce gaimardii</i>	Total number of <i>Anemonactis clavus</i>
5-Aug-2008	20	1							
24-Sep-2008	20						4		
6-Nov-2008	Jellyfish absent								
17-Dec-2008	Jellyfish absent								
15-Jan-2009	Jellyfish absent								
10-Mar-2009	20	9		30	19		4		2
1-Apr-2009	20	7	2	101	53	3			
30-Apr-2009	20	4	2	60	32	5	4		
2-Jun-2009	20	1	1	60	17	21	4	5	1
17-Jul-2009	20	2	4	60	9	16	4	2	1
14-Sep-2009	20		1				4		
21-Oct-2009	12	1					4		
17-Nov-2009	8								
14-Dec-2009	20	17					4		3
9-Feb-2010	20	15					4		6
9-Apr-2010	20	5					4		3
27-May-2010	20	1	3				4		
28-Jul-2010	20	1	2				4	1	
7-Sep-2010	20	2					4		