

SUPPLEMENTARY ONLINE MATERIAL FOR

**Facultative monogamy in an early Eocene brooding oyster
and its evolutionary implications**

Kalyan Halder and Aniket Mitra

Published in *Acta Palaeontologica Polonica* 2021 66 (3): 647-662.

<https://doi.org/10.4202/app.00863.2020>

Supplementary Online Material

Table 1S. Measurements of specimens used. ♀, female; ♂, male; O, other with indeterminate sex; LV, left valve; RV, right valve; H, height; L, length; ext., external surface; int., internal surface; Cons., conspecific substrate; Ind., indeterminate substrate.

Sp. No. (PG/CB/ Os)	Valve	Type	H (mm)	L (mm)	L/H	Substrate /attachm ent scar	Number and position of attached specimens (not measured)
1	Both valves	♀	74.21	48.00	0.64681	Plant	4 on LV ext., 1 on RV ext.
1M	LV	♂	7.79	5.28	0.67779		
1a	LV (attached on RV of 1)	♀	68.70	42.71	0.62169		
1aM	LV	♂	4.90	3.87	0.78980		
2	LV	O	36.46	23.55	0.64591	Plant	
3	Both valves	♀	73.35	55.15	0.75187	Plant	
3M1	LV	♂	7.62	5.50	0.72178		
3M2	LV	♂	6.01	7.79	1.29617		
4	LV	♀	74.94	55.94	0.74646	Plant	
4M	LV	♂	10.44	7.05	0.67529		
5	RV	♀	62.30	45.84	0.73579		4 on ext.
5M	RV	♂	9.70	4.00	0.41237		

6	LV	O	33.24	30.58	0.91998	Cons. broken RV	2 on same substrate
7	RV	O	51.15	35.85	0.70088		
7a	LV (attached on 7)	O	49.94	36.64	0.73368		8 on int.
8	Both valves (articulated)	O	66.84	47.98	0.71783	Plant	
8a	LV (attached on RV of 8)	O	9.72	8.72	0.89712		
9	RV	♀	68.46	47.49	0.69369		
9M	RV	♂	8.70	6.66	0.76552		
10	LV	O	50.00	36.00	0.72000	Plant	
11	Both valves (articulated)	O	40.52	29.70	0.73297	Plant	
11a	Both valves (articulated) (attached on RV of 11)	O	37.20	24.90	0.66935		1 on ext. of LV
11b	Both valves (articulated) (attached on RV of 11a)	O	18.43	18.75	1.01736		
12	RV	O	29.38	25.34	0.86249		
13	LV	O	36.52	30.32	0.83023	Ind.	2 on ext.
14	RV	O	34.00	30.00	0.88235		8 on ext.
14a	LV (attached on 14)	O	5.24	5.44	1.03817		
14b	LV (do)	O	6.83	6.66	0.97511		
14c	LV (do)	O	11.56	8.88	0.76817		
14d	LV (do)	O	10.87	9.44	0.86845		
15	Both valves	♀	62.66	49.17	0.78471	Cons. broken RV	
15M	LV	♂	6.64	5.57	0.83886		
16	RV (with depressed platform)	♀	70.56	38.35	0.54351		
16a	LV (attached on 16)	♀	49.50	38.48	0.77737		
16aM	LV	♂	5.90	4.00	0.67797		
17	RV (with depressed platform)	♀	66.56	43.63	0.65550		
17a	LV (attached on 17)	♀	86.50	72.30	0.83584		
17aM	LV	♂	7.95	6.27	0.78868		
17b	LV (attached on 17a)	O	33.50	31.20	0.93134		

17c	LV (attached on 17a)	O	33.50	27.10	0.80896		
18	LV	O	8.50	9.20	1.08235	Cons. broken RV	1 on same substrate
19	LV	O	59.00	43.40	0.73559	Ind.	
20	Both valves (articulated)	O	45.32	35.26	0.77802	Ind.	2 on RV ext.
20a	LV (attached on RV of 20)	O	24.93	15.30	0.61372		
21	Both valves (articulated)	O	76.00	56.00	0.73684	Ind.	4 on RV, 8 on LV
21a	LV (attached on RV of 21)	O	32.50	31.00	0.95385		
21b	LV (attached on LV of 21)	O	3.80	4.86	1.27895		
22	RV	O	14.96	14.23	0.95120		1 on ext.
23	LV	♀	c.43.00	-	-	Ind.	
23M	LV	♂	9.14	6.14	0.67177		
24	RV	O	39.00	37.00	0.94872		1 on ext.
24a	LV (attached on 24)	♀	50.00	39.00	0.78000		
24aM	LV	♂	7.20	4.40	0.61111		
25	LV	O	44.10	31.44	0.71293	Cons. broken RV	
26	LV	O	10.32	12.08	1.17054	Cons. broken RV	
27	LV	♀	c.83.00	-	-	Plant	
27M1	LV	♂	16.20	11.60	0.71605		
27M2	LV	♂	7.63	5.33	0.69856		
28	LV	♀	75.00	64.00	0.85333	Plant	
28M	LV	♂	12.34	8.00	0.64830		
29	LV	♀	c.62.50	-	-	Plant	
29M	LV	♂	14.50	10.20	0.70345		
30	RV (with depressed platform)	♀	85.40	61.70	0.72248		
31	LV	♀	74.50	40.40	0.54228	Ind.	
31M	LV	♂	9.55	5.55	0.58115		
32	RV (with depressed platform)	♀	66.00	47.00	0.71212		
33	LV	O	17.74	16.25	0.91601	Cons. broken RV	
34	RV (with depressed	♀	42.45	34.50	0.81272		

	platform)						
35	LV	O	13.40	10.26 0	0.76567	Cons. broken RV	1 on same substrate
36	LV	O	24.31	21.35	0.87824	Ind.	
37	RV	O	21.25	16.75	0.78824		
38	RV	O	23.90	16.50	0.69038		
38a	LV (attached on 38)	O	21.60	16.20	0.75000		
39	LV	O	17.27	16.90	0.97858	Ind.	
40	LV	O	21.60	21.32	0.98704	Ind.	
41	RV	O	23.70	20.70	0.87342		2 on int.
41a	LV (attached on 41)	O	11.80	14.75	1.25000		
42	LV	O	16.35	15.45	0.94495	Ind.	
43	LV	O	15.90	17.25	1.08491	Plant	
44	RV	O	9.75	7.90	0.81026		
45	LV (detached male)	♂	23.18	11.06	0.47714		
46	LV	♀	73.24	58.20	0.79465	Plant	
46M	LV	♂	10.20	5.97	0.58529		
47	LV	♀	80.93	54.97	0.67923	Plant	
47M	LV	♂	17.78	10.11	0.56862		