

The following supplement accompanies the article

Experimental assembly of foraminiferal communities from coastal propagule banks

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Supplement. This supplement includes tallies of foraminifera present in the *in situ* assemblages from the Chocolate and Lighthouse mudflat sites on Sapelo Island, Georgia, USA (Table S1), and the assemblages grown experimentally for 6 wk (Table S2) and 12 wk (Table S3)

Table S1. Taxonomic composition, number of individuals, number of species, and Fisher's alpha of the *in situ* assemblages of foraminifera at each site at the time of collection

Species	Chocolate		Lighthouse	
	Live	Dead	Live	Dead
<i>Ammonia tepida</i>	24	15	6	28
<i>Haynesina germanica</i>	196	27	117	28
<i>Elphidium excavatum</i>	57	13	41	46
<i>Elphidium</i> sp.		1		
<i>Ovammmina opaca</i>	16	4	10	3
<i>Psammophaga</i> sp.	15	3	7	7
Organic-walled allogromiid	4			
<i>Cribrorhammina alba</i>			1	0
<i>Trochammina macrescens</i>		3		4
<i>Trochammina inflata</i>				3
<i>Trochammina squamata</i>				1
<i>Arenoparrella mexicana</i>				8
<i>Miliammina fusca</i>	1		2	21
<i>Haplophragmoides wilberti</i>				1
<i>Tiphotrecha comprimata</i>		3		
<i>Ammobaculites dilatatus</i>		7		
<i>Ammotium salsum</i>	2	1		1
<i>Ammoastuta inepta</i>				1
<i>Textularia candeiana</i>				1
<i>Triloculina oblonga</i>			1	1
<i>Quinqueloculina</i> cf. <i>Q. jugosa</i>	1		2	9
<i>Quinqueloculina lamarckiana</i>				1
<i>Wiesnerella auriculata</i>				2
<i>Cornuspira</i> sp.				1
<i>Trichohyalus aguayoi</i>				4
<i>Buliminella elegantissima</i>				3
<i>Fissurina lucida</i>			3	1
<i>Rosalina floridana</i>	1	1		2
<i>Guttulina laceata</i>				1
<i>Bolivina</i> sp.				5
<i>Globigerina bulloides</i>				1
Sum	317	78	190	184
No. of species	10	11	10	26
Fisher's alpha	1.965	3.492	2.248	8.261

Table S2. Taxonomic composition, number of individuals, number of species, and Fisher's alpha of foraminiferal assemblages grown experimentally for 6 wk from each collection site. Treatments are abbreviated such that, e.g. 1212a: salinity 12‰, temperature 12°C; Replicate a. RT = room temperature, ~22°C

Species/Sample	Chocolate: No. ind./20 ml sediment												Lighthouse: No. ind./20 ml sediment												
	1212a	1212b	12RTa	12RTb	2212a	2212b	22RTa	22RTb	3612a	3612b	36RTa	36RTb	1212a	1212b	12RTa	12RTb	2212a	2212b	22RTa	22RTb	3612a	3612b	36RTa	36RTb	
<i>Ammonia tepida</i>		3	33	25	5	4	213	122	5	6	158	158	5	4	51	18	8	65	229	5	1	202	57		
<i>Ammonia</i> sp.									2						1								4		
<i>Haynesina germanica</i>	361	345	160	43	212	593	25	215	340	416	357	188	261	519	212	249	502	548	220	283	330	499	377	392	
<i>Elphidium incertum</i>										2															
<i>Elphidium excavatum</i>	25	25		5	45	57	6	2	72	46	1		26	42		2	69	81			40	58	1	4	
<i>Elphidium</i> cf. <i>E. articulatum</i>																7					1				
<i>Ovammmina opaca</i>	43	88			165	6			11	40							8			2	6	25			
<i>Psammophaga</i> sp.	55	68	75	74	176	284	149	299	291	158	140	75	5	15	24	18	15	302	326	208	28	442	363	25	
<i>Organic-walled allogromiid</i>	3	22	4	9	1					7		2					2	2				1			
<i>Cribothalammina alba</i>				1												1									
"Micrometula"				1				16	3				5			2	2		3	1					
<i>Saccamina</i> (large, spherical, thin-walled)												42													
<i>Saccamina</i> (weakly aggl. Small)		2																							
<i>Saccamina</i> (large, thick-walled)											8										15				
<i>Saccamina</i> (coarse-gr. loosely aggl.)																1									
<i>Saccamina</i> (large, white, ovate)													44												
silver saccaminid			3	1						2							28								
<i>Myxotheca</i> sp.			2					2			2		11				28		1		2				
<i>Hemisphaerammina</i> sp.	1																								
<i>Pelosina</i> sp.				1									77			1		1				5	1		
<i>Hyperammmina</i> sp.																					1				
<i>Trochammina macrescens</i>					1																			1	
<i>Trochammina inflata</i>			1										1		1				1		3		2	1	
<i>Trochammina squamata</i>													2	1					1		1			1	
<i>Siphotrochammina lobata</i>																1									
<i>Arenoparrella mexicana</i>														1	3	2		2			2	1	3	1	
<i>Miliammina fusca</i>		2	113	302	1	2	27	62	3	2	2	1	6	15	225	18		24	22	148	12	19	98	26	
<i>Haplophragmoides wilberti</i>																2								1	
<i>Ammobaculites dilatatus</i>					1	1	2							3		5	5	8	8	8	8	10	24	11	
<i>Ammobaculites</i> sp.															1				3						
<i>Ammotium pseudocassis</i>																					1				
<i>Ammotium subdirectum</i>				2			1														10				
<i>Ammotium</i> sp.									3																
<i>Ammotium salsum</i>	1		15					6		3			4	8	4	1					218		5	9	
<i>Ammonia stutata inepta</i>																					1				
<i>Reophax nana</i>			1																		1				
<i>Reophax</i> sp.		3								1	1														
<i>Leptohyalus scottii</i>						3																		1	
<i>Textularia candeiana</i>								59	5			9	9							48	94		5		
<i>Textularia earlandi</i>								1	7			2								1		2			
<i>Textularia nitens</i>										23										35	119				
<i>Textularia palustris</i>										2															
<i>Triloculina oblonga</i>			1																				2	1	
<i>Quinqueloculina</i> cf. <i>Q. jugosa</i>																	1								
<i>Quinqueloculina lamarciana</i>																					1				
<i>Quinqueloculina poeyana</i>													1												
<i>Cornuspira</i> sp.																					1				
<i>Trichohyalus aguayoi</i>																					1				
<i>Buliminella elegantissima</i>											1	8								1	1	1	5	20	18
<i>Fissurina lucida</i>		1													5		28		19		5	2	12	1	
<i>Bucella hannai</i>																							2		
<i>Rosalina</i> sp.																					1		1		
<i>Rosalina floridana</i>											1										1		2		
<i>Bolivina</i> sp.														1		3				1		3	3	3	
<i>Discorbis</i> sp.			1																						
<i>Fursenkoina</i> sp.																				1					
Sum	516	559	411	462	607	950	499	748	727	683	761	441	448	638	525	323	688	991	755	1325	465	1073	1129	551	
No. of species	7	1	14	9	9	8	1	12	8	11	16	7	13	12	1	14	12	14	16	16	21	15	2	15	
Fisher's alpha	1.15	1.73	2.8	1.58	1.5	1.19	1.77	2.03	1.26	1.86	2.86	1.18	2.5	2.1	1.75	2.98	2.06	2.31	2.87	2.56	4.52	2.47	3.45	2.85	

Table S3. Taxonomic composition, number of individuals, number of species, and Fisher's alpha of foraminiferal assemblages grown experimentally for 12 wk in sediment from the Lighthouse mudflat site. Treatments abbreviated such that, e.g. 1212a: salinity 12‰, temperature 12°C, Replicate a. RT = room temperature, ~22°C

Species/Samples	1212a	1212b	2212a	2212b	3612a	3612b	12RTa	12RTb	22RTa	22RTb	36RTa	36RTb
<i>Ammonia tepida</i>	1		50	2	11	9	288	113	348	102	261	245
<i>Ammonia beccarii</i>								1	1		8	
<i>Haynesina germanica</i>	455	450	789	462	456	426	237	356	366	248	586	252
<i>Elphidium excavatum</i>	20	30	54	57	70	27			1		3	1
<i>Ovamina opaca</i>	1	2	1	3								
<i>Psammophaga</i> sp.	2	5	236	118	50	131	14	9	301	7	267	92
<i>Cribrorhammina alba</i>											1	1
<i>Micrometula</i> sp.					1							
<i>Saccamina</i> (large, spherical, thin-walled)	99						2					2
<i>Saccamina</i> (coarse-gr, loosely agg)								1				
Silver saccamminid			1	15	1	1						
<i>Myxotheca</i> sp.				2		6						
<i>Trochammina macrescens</i>											2	1
<i>Trochammina inflata</i>	1				2	1						
<i>Trochammina squamata</i>							1		1			
<i>Arenoparrella mexicana</i>		1				5		1	2			
<i>Miliammina fusca</i>	12	23	21	29	50	33	33	100	63	207	57	104
<i>Haplophragmoides wilberti</i>	1							1				
<i>Tiphotrecha comprimata</i>					1		1					
<i>Bigenerina irregularis</i>										55		
<i>Ammobaculites dilatatus</i>	2	3	4	7	7	7	4	2	8	2	7	10
<i>Ammotium pseudocassis</i>				1								
<i>Ammotium subdirectum</i>											1	
<i>Ammotium salsum</i>			1			3		22	12			21
<i>Ammoastuta inepta</i>									1			
<i>Reophax nana</i>								1				
<i>Reophax</i> sp.	2		6	11			1	4	1			
<i>Textularia candeiana</i>									20		2	
<i>Textularia earlandi</i>									2		2	
<i>Textularia nitens</i>									7	1	2	
<i>Textularia palustris</i>				1				3	2	2	5	
<i>Triloculina oblonga</i>				1					1		4	20
<i>Quinqueloculina</i> cf. <i>Q. jugosa</i>			4	1								
<i>Cornuspira</i> sp.				1				1				
<i>Buliminella elegantissima</i>	1		1		4	1	1				32	
<i>Fissurina lucida</i>			77	106	4	11			15			
<i>Rosalina florida</i>					1		1		1			2
<i>Bolivina</i> cf. <i>B. simplex</i>	1		1		2	2		2	2	1	3	5
<i>Nonion grateloupi</i>											1	
Sum	598	514	1246	817	660	663	583	617	1155	625	1244	756
Number of species	13	7	14	16	14	14	11	15	20	9	18	13
Fisher's alpha	2.34	1.15	2.21	2.82	2.51	2.51	1.92	2.77	3.44	1.49	2.98	2.23