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Diversity and abundance of pteropods and heteropods along a latitudinal gradient across the Atlantic Ocean

Burridge, A.K.; Goetze, E.; Wall-Palmer, D.; Le Double, S.L.; Huisman, J.; Peijnenburg, K.T.C.A.

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Supplementary Table 2. Abundance data for pteropods and heteropods at each station during the AMT24 cruise. Units for abundance are individuals per 1000 m³ of seawater filtered. Uncoiled euthecosomes are cavoliniids, coiled euthecosomes are limaciniids. *Clio pyramidata pyramidata/lanceolata* is labeled as *Clio pyr. pyr./lanceolata*. Numbers listed in bold report totals for that taxon. Results for heteropods (Pterotracheoidea) are also summed within each family.

Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
Total Pteropod abundance	6	14	0	1	24	292	472	466	414	1022	410	79	441	340	435	1947	631	307	263	500	367	483	414	311	194	114	1929	4295	896	40	36				
<u>Uncoiled euthecosomes</u>	4	11	0	1	9	35	77	69	113	322	9	18	29	67	68	210	376	64	69	215	154	155	111	135	119	16	27	62	8	0	0				
<i>Cavolinia inflexa</i>	2	5		1			3	1		6	3		7	8	3	43	125	25	23	109	51	15	3	3											
<i>Cavolinia uncinata</i>												2				3																			
<i>Cavolinia gibbosa</i>										3																									
<i>Cavolinia</i> sp juv																12																			
<i>Diacavolinia</i> sp							2							5																					
<i>Clio cuspidata</i>	2	2										2					3	3																	
<i>Clio pyr. pyr./lanceolata</i>		2			4	2	13		1	6		2	4	2	11	55	127	6	3	8	6	15	5	3											
<i>Clio pyramidata sulcata</i>																												5	17						
<i>Clio recurva</i>		2																																	
<i>Clio pyramidata antarctica</i>																														21	43	8			
<i>Creseis clava</i>						13	2		1	6		2	10	2			3	3	6	43	63	30		6											
<i>Creseis conica</i>					2									17			8		23	14	3														
<i>Creseis virgula</i>										16		7	1	18	46	70	45	8																	
<i>Cuvierina</i> sp				4	11	15	1			6				3	2		45	3		8	3	9	3	3											
<i>Diacria danae</i>						3	18	3	7			2		2		3	3	3	6	3	3	3	16												
<i>Diacria trispinosa</i>					2	2	16	9	3	6			6	5	6	21	17	6	6				3	22	12			2							
<i>Diacria major</i>									1																										
<i>Diacria</i> sp juveniles								1	5	3									11	3			39	22											
<i>Hyalocylis striata</i>						3								5																					
<i>Styliola subula</i>					5	20	46	88	272												30	26	42	41	108	119	16								
Cavoliniidae sp												2																							
<u>Coiled euthecosomes</u>	0	0	0	0	15	225	352	307	280	687	380	60	408	257	363	1725	232	206	122	247	185	310	278	150	70	91	1863	4181	872	36	25				
<i>Heliconoides inflatus</i>					9	161	201	244	190	562	234	32	390	240	336	1645	144	89	55	144	111	149	195	105	57										
<i>Heliconoides inflatus</i> S																											84	653	765	218					
<i>Limacina bulimoides</i>					2	31	139	52	65		32	2	10	8	22	55	59	92	14	43	48	113	46	27	9			5							
<i>Limacina helicina antarctica</i>																										6	1205	3417	654	36	25				
<i>Limacina lesueurii</i>					4	34	11	12	25	125	114	26	7	3	5	24	28	25	29	35	17	48	32	12											
<i>Limacina trochiformis</i>														5						23	24	9	5	6	4										
<u>Pseudothecosomes</u>	2	4	0	0	0	31	38	84	21	12	20	2	4	15	5	12	17	31	72	35	26	15	19	6	0	0	0	0	2	3	0	0			
<i>Corolla</i> sp	2	4																																	
<i>Gleba</i> sp														2																					
<i>Peracle bispinosa</i>									3	3						3																			
<i>Peracle diversa</i>						10	20		4		3								14	9	3	20	12	14											
<i>Peracle reticulata</i>							7	9	4		3		1					3		46		6	3	5	3										
<i>Peracle valdiviae</i>									1	9	15	2				6																			
<i>Peracle</i> sp A								1																											
<i>Peracle</i> sp B						3		20					1			2	3																		
<i>Peracle</i> sp C						6	3	19																											
<i>Peracle</i> sp D						11	5	10						8					8	11	6	8													
<i>Peracle</i> sp E							3	3											3																
<i>Peracle</i> sp F								13	8				1							3															
<i>Peracle</i> sp G								9	1					3					3	3	9														
<i>Peracle</i> sp H														2	3																				
<i>Peracle</i> sp I																																			
<u>Gymnosomes</u>	0	0	0	0	0	0	5	6	0	0	0	0	0	2	0	0	6	6	0	3	3	3	5	21	4	6	39	50	13	3	11				

Supplementary Table 2. Continued.

Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
Total Heteropod abundance	0	0	0	0	9	238	391	149	125	50	181	7	229	270	90	603	68	64	49	704	176	3	46	3	4	6	82	185	126	0	0			
<u>Atlantidae</u>	0	0	0	0	9	219	208	101	113	31	56	4	203	240	72	555	42	53	23	294	77	3	43	3	4	6	68	182	116	0	0			
<i>Atlanta echinogyra</i>							2			12				2	24																	3		
<i>Atlanta fragilis</i>									50					2	8	18		8		19	6		3					11						
<i>Atlanta helicinoidea</i>						6	2	1						3	2	9																		
<i>Atlanta inclinata</i>								6				2			8	15	3	6																
<i>Atlanta lesueurii</i>														2	3	6																		
<i>Atlanta oligogyra</i>											6																							
<i>Atlanta peronii</i>																	6	11		3	3													
<i>Atlanta rosea</i>						56	151	45	21	9			6	2	9	113	25			8	68	3	27						7					
<i>Atlanta selvagensis</i>					9	66	33	40	17	3			12	91	5	152	3	6	6	3			3						2					
<i>Atlanta tokiokai</i>							3	6	7		3		47	8	13	76																		
<i>Atlanta</i> sp A																										6	41	182	110					
<i>Oxygyrus inflatus</i>							11	1	1	3			6	54	3	43	3	17	3	3														
<i>Protatlanta souleyeti</i>						89	7	1				2		3	3	30	3	3	14	250			11	3				5						
<i>Protatlanta sculpta</i>						2			16	3	38		130	65	5	91			3		8					4								
<i>Atlantidae</i> sp											9			2														2			3			
<u>Pterotracheidae</u>	0	0	0	0	0	16	64	20	1	6	44	4	25	17	8	34	20	11	23	391	85	0	3	0	0	0	0	0	0	0	0	0	0	
<i>Firoloida desmarestia</i>							10	3		6	44	4	12	17	3	27	6		12	11	63							5						
<i>Pterotrachea</i> sp						16	54	17	1				13		5	6	14	11	12	381	23		3				7							
<u>Carinariidae</u>	0	0	0	0	0	3	120	27	11	12	82	0	1	13	9	15	6	0	3	19	14	0	0	0	0	0	0	2	2	11	0	0		
<i>Pterosoma planum</i>						3	100	27	11	6	82			2	9	3	6		3	19	14													
<i>Carinaria pseudorugosa</i>							20			6			1	12		12											2	2	11					