

SUPPLEMENTARY DATA—Quantitative analysis of mollusk taxa. Given is the water depth of samples (in meters below sea level), the total abundance per species (N) and per sample (including totals of bivalves, gastropods, and scaphopods).

	11509 (370 m)	11511B (28 m)	11511E (33 m)	11511F (32 m)	11522 (165 m)	11525 (38 m)	11527 (20 m)	11534 (33 m)	11535 (36 m)	11540 (89 m)	11547 (30 m)	11549 (33 m)	11591 (4 m)	11595 (41 m)	11601 (16 m)	11607 (18 m)	11613 (103 m)	11614 (72 m)	N
BIVALVES																			
<i>Nucula crassicosata</i>					2				1			1						17	21
<i>Nucula nicklesi</i>	1							1											2
<i>Nucula nitidosa</i>																3			3
<i>Nuculana bicuspidata</i>			1											95	2		3		101
<i>Nuculana commutata</i>										1				12					13
<i>Nuculana gruveli</i>		3							3			1							7
<i>Nuculana</i> sp.																1			1
<i>Yoldiella philippiana</i>					2					1									3
<i>Anadara polii</i>										3									3
<i>Anadara</i> sp.							1												1
Arcidae		8												5			1		14
<i>Limopsis</i> sp.	1																		1
<i>Glycymeris</i> sp.								6					1						7
<i>Modiolus nicklesi</i>				4	7				1			4					36	1	53
<i>Modiolus</i> sp.			1	2		8	1	4		8	1	7		2		1			35
Mytilidae					1								18					18	37
<i>Atrina</i> sp.		2	2																4
<i>Limaria cf. gwyni</i>												1							1
<i>Ostreola stentina</i>												1				1			2
Ostreidae			1																1
<i>Similipecten similis</i>					3					3				3				49	58
<i>Aequipecten flabellum</i>								2											2
<i>Aequipecten opercularis</i>						2			3		1				2				8
<i>Aequipecten</i> sp.		2		4															6
<i>Manupecten pesfelis</i>	5																		5
Pectinidae	2	1	1						5	2		2	1			1	1	1	17
<i>Anomia ephippium</i>		1									1				3	1			6
<i>Anomia</i> sp.									1					1					2
<i>Heteranomia squamula</i>										1									1
Anomiidae	4																		4
<i>Lamellolucina reyrei</i>																		1	1
<i>Linga adansoni</i>									3										3
<i>Myrtea spinifera</i>	2					1				8				1				4	16
<i>Myrtea</i> sp.					1					2									3
<i>Anodontia senegalensis</i>										7							4	1	12
<i>Anodontia</i> sp.									2										2
Lucinidae	4									1								3	8
<i>Thyasira flexuosa</i>										1								3	4
<i>Thyasira</i> sp.														1					1
<i>Chama crenulata</i>		1											6						7
<i>Chama</i> sp.															2				2
Chamidae													3						3
<i>Diplodonta dautzenbergii</i>													1						1
<i>Diplodonta rotundata</i>															1				1
<i>Diplodonta</i> sp.	4		3		1			1	1					1		2			13
<i>Bornia</i> sp.			1	1			1			1		1		1		1		1	8
<i>Coracuta</i> sp.		1																	1
<i>Kurtiella bidentata</i>						1													1
Montacutidae				1						2			1	1					5
<i>Scacchia</i> sp.		9	8	7			1		1	2				8		1			37
<i>Cardiocardita ajar</i>		3	13	5												1			22
<i>Cardiocardita cf. lacunosa</i>																1			1
<i>Cardita</i> sp.											1								1
<i>Glans aculeata</i>	1																		1
<i>Carditamera contigua</i>				3								1	13	7					24
Carditidae														2			1		3
<i>Crassatina marchadi</i>								1			1				3			2	7
<i>Crassatina</i> sp.					1								1	1			1	1	5
<i>Digitaria digitaria</i>					6	1		3			12			2	7		3	1	35
<i>Plagiocardium papillosum</i>		3	7			6	1		2	1	6	6		3	1	1		5	42

	11509 (370 m)	11511B (28 m)	11511E (33 m)	11511F (32 m)	11522 (155 m)	11525 (38 m)	11527 (20 m)	11534 (33 m)	11535 (36 m)	11540 (89 m)	11547 (30 m)	11549 (33 m)	11591 (4 m)	11595 (41 m)	11601 (16 m)	11607 (18 m)	11613 (103 m)	11614 (72 m)	N
<i>Plagiocardium</i> sp.	2	15	5	10	4	4		1	3	30				13	1	17		5	110
<i>Laevicardium crassum</i>				1		4		6	6		1	5				3		2	28
Cardiidae																23	1		24
<i>Cuna gambiensis</i>		21	18	9	2	3	1			78					1	27	1	53	223
<i>Mactra glabrata</i>												1							1
<i>Mactra inconstans</i>		2																	2
<i>Mactra</i> sp.		26							11	2						1			40
<i>Spisula subtruncata</i>		9	5	1	5	6		11		1	3	2			1		2		46
<i>Spisula</i> sp.															1	1			2
Mactridae			2		1													3	6
<i>Phaxas tenellus</i>		3							1							1			5
<i>Ensis goreensis</i>		2	1			6			17		2	3		1		1			33
<i>Tellina boucheti</i>						1		2	2			4							
<i>Tellina compressa</i>										33				1					
<i>Tellina densestriata</i>		81	73	18		1												6	274
<i>Tellina donacina</i>					1													4	5
<i>Tellina hanleyi</i>							3				3								6
<i>Tellina posteli</i>												3							3
<i>Tellina pseudopusilla</i>				3							3				1	11			18
<i>Tellina rubicincta</i>														21		9		1	31
<i>Tellina</i> sp.									2					2			3	19	26
<i>Macoma cumana</i>		1		1										102		7			111
<i>Macoma melo</i>														1					1
<i>Donax burnupi</i>		38	100	125		267	288	232	81		473	259	3	15	407	98			2386
<i>Donax oweni</i>		1																	1
Donacidae			1																1
<i>Gari depressa</i>															1				1
<i>Gari fervensis</i>																11			11
<i>Gari jousseauameana</i>											6					4			10
<i>Gari pseudoweinkauffi</i>						4									1				5
<i>Gari</i> sp.								1				1							2
<i>Abra alba</i>																2			2
<i>Abra lecointrei</i>										3				7					10
<i>Abra</i> sp.										1						3			4
<i>Ervilia castanea</i>		3	31	79	306			29	83	26	1	71					232	14	875
<i>Venus crebrisulca</i>								5			3				16				24
<i>Venus erronea</i>								1											1
<i>Venus punctigera</i>						1													1
<i>Venus</i> sp.		4													5	4	1		14
<i>Circomphalus foliaceolamellosa</i>									3										3
<i>Timoclea ovata</i>		10	16	6		12	2	79	6	8	77	19	16	2	21	16	2	24	316
<i>Gouldia minima</i>					1					12								5	18
<i>Gouldia</i> sp.	1																		1
<i>Dosinia adami</i>																		1	1
<i>Dosinia exoleta</i>															4	12			16
<i>Dosinia lupinus afra</i>				2												1			3
<i>Dosinia</i> sp.																17			17
<i>Pitar belcheri</i>							1			5				10		3		12	31
<i>Pitar</i> sp.		3		1		1			3										8
<i>Callista floridella</i>																5			5
<i>Venerupis dura</i>															1	6			7
Veneridae					11					8				114			6	10	149
<i>Corbula gibba</i>		6	2			5				4				1		27	6	6	51
<i>Corbula laticostata</i>																6			6
<i>Corbula</i> sp.			3						1				1						5
<i>Hiatella arctica</i>	7																		7
<i>Thracia phaseolina</i>								1											1
<i>Pandora cf. oblonga</i>																2			2
GASTROPODS																			
Fissurellidae	3												1						4
<i>Gibbula joubini</i>		1								2	1	2	18	1	1	4			30
<i>Gibbula</i> sp.																		4	4
Trochidae			1		3											6			10
Skeneidae																1			1
<i>Tricolia pullus</i>													45	2					47
<i>Alvania fariai</i>														1					1
<i>Alvania cf. internodula</i>					2									2			1	2	7
<i>Alvania marioi</i>		2			1												1		4
<i>Alvania parvula</i>				1														1	2
<i>Alvania</i> sp.										1			2	2			1		6

Table continued

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Pyramidellidae	13	2											6					1	22
<i>Pyrunculus hoernesii</i>						1										2	2	3	8
<i>Volvulella acuminata</i>		2																	2
<i>Ringicula conformis</i>		1		2								2		2					8
<i>Ringicula</i> sp.			1							3									7
<i>Acteocina knockeri</i>		2						1					1						7
<i>Cylichna cylindracea</i>		1																	3
SCAPHOPODS																			
<i>Fustiaria maltzani</i>		1	2																3
Fustiariidae				1															1
Scaphopoda		2								4						1		2	9
Total bivalves	34	259	295	283	355	334	300	386	337	255	594	403	179	322	480	346	296	278	5736
Total gastropods	29	113	30	20	46	9	0	5	8	99	21	13	138	65	14	48	49	72	779
Total scaphopods	0	3	2	1	0	0	0	0	0	4	0	0	0	0	0	1	0	2	13
Total abundance	63	375	327	304	401	343	300	391	345	358	615	416	317	387	494	395	345	352	6528