

Annex K2

Monitoring Results for Soft Shore Ecology

Table K2.1 Results for Horseshoe Crabs during Qualitative Walk-through Surveys in September 2022

Sighting #	Species	Prosomal Width (cm)	Total Length (cm)
Monitoring Date: 6 September 2022			
Monitoring Station: THW			
1	<i>Tachypleus tridentatus</i>	1.0	1.6
2	<i>Tachypleus tridentatus</i>	1.4	2.4
3	<i>Tachypleus tridentatus</i>	1.9	2.3
4	<i>Tachypleus tridentatus</i>	2.0	3.6
5	<i>Tachypleus tridentatus</i>	1.3	2.4
6	<i>Tachypleus tridentatus</i>	1.4	1.7
7	<i>Tachypleus tridentatus</i>	1.4	2.3
8	<i>Tachypleus tridentatus</i>	1.3	2.2
9	<i>Tachypleus tridentatus</i>	1.0	1.5
10	<i>Tachypleus tridentatus</i>	2.7	3.8
11	<i>Tachypleus tridentatus</i>	1.5	2.5
12	<i>Tachypleus tridentatus</i>	1.7	3.1
13	<i>Tachypleus tridentatus</i>	1.4	2.6
14	<i>Tachypleus tridentatus</i>	1.4	2.4
15	<i>Tachypleus tridentatus</i>	1.4	2.3
16	<i>Tachypleus tridentatus</i>	1.3	2.3
17	<i>Tachypleus tridentatus</i>	1.4	2.4
18	<i>Tachypleus tridentatus</i>	1.4	2.4
19	<i>Tachypleus tridentatus</i>	1.1	2.3
20	Unidentified ^(a)	0.6	0.7
21	Unidentified ^(a)	0.6	0.6
22	<i>Tachypleus tridentatus</i>	1.5	2.7
23	<i>Tachypleus tridentatus</i>	1.4	2.4
24	Unidentified ^(a)	0.6	0.7
25	<i>Tachypleus tridentatus</i>	1.9	2.5
26	<i>Tachypleus tridentatus</i>	1.4	2.5
27	<i>Tachypleus tridentatus</i>	1.3	2.4
28	<i>Tachypleus tridentatus</i>	1.5	2.4
29	Unidentified ^(a)	0.6	0.7
30	<i>Tachypleus tridentatus</i>	1.4	2.5
31	<i>Tachypleus tridentatus</i>	1.6	2.7
32	<i>Tachypleus tridentatus</i>	1.5	2.5
33	<i>Tachypleus tridentatus</i>	1.5	2.5
34	Unidentified ^(a)	0.7	0.8
35	<i>Tachypleus tridentatus</i>	1.9	3.6
36	<i>Tachypleus tridentatus</i>	1.5	2.5
	Mean (Range)	1.4 (0.6 - 2.7)	2.2 (0.6 - 3.8)
Monitoring Date: 9 September 2022			
Monitoring Station: TCB2			
1	<i>Tachypleus tridentatus</i>	1.5	2.4
2	<i>Tachypleus tridentatus</i>	1.4	2.0
3	<i>Tachypleus tridentatus</i>	1.9	3.0
4	<i>Tachypleus tridentatus</i>	1.4	2.4
5	<i>Tachypleus tridentatus</i>	1.5	2.5
6	<i>Tachypleus tridentatus</i>	1.7	3.3
7	<i>Tachypleus tridentatus</i>	1.5	2.5
8	<i>Tachypleus tridentatus</i>	1.5	2.9
9	<i>Tachypleus tridentatus</i>	1.9	3.5
	Mean (Range)	1.6 (1.4 - 1.9)	2.7 (2.0 - 3.5)
Monitoring Date: 22 September 2022			
Monitoring Station: TCB3			
1	<i>Tachypleus tridentatus</i>	2.4	3.9
2	<i>Tachypleus tridentatus</i>	1.4	2.4

3	<i>Tachypleus tridentatus</i>	2.6	5.3
4	<i>Tachypleus tridentatus</i>	0.9	1.2
5	<i>Tachypleus tridentatus</i>	0.9	1.1
6	<i>Tachypleus tridentatus</i>	0.9	1.3
7	<i>Tachypleus tridentatus</i>	2.4	4.3
8	Unidentified ^(a)	0.6	0.8
9	<i>Tachypleus tridentatus</i>	0.9	1.2
10	Unidentified ^(a)	0.6	0.6
11	Unidentified ^(a)	0.7	0.7
12	Unidentified ^(a)	0.6	0.8
13	<i>Tachypleus tridentatus</i>	2.7	4.6
14	<i>Tachypleus tridentatus</i>	5.0	10.1
15	<i>Tachypleus tridentatus</i>	4.6	9.2
16	<i>Tachypleus tridentatus</i>	3.6	7.9
17	<i>Tachypleus tridentatus</i>	2.7	5.3
18	<i>Tachypleus tridentatus</i>	3.5	7.1
19	<i>Tachypleus tridentatus</i>	5.1	11.0
20	<i>Tachypleus tridentatus</i>	2.0	3.8
21	<i>Tachypleus tridentatus</i>	3.8	6.1
22	<i>Tachypleus tridentatus</i>	2.7	5.1
23	<i>Tachypleus tridentatus</i>	4.7	9.2
24	Unidentified ^(a)	0.6	0.7
25	Unidentified ^(a)	0.7	0.7
Mean (Range)		2.3 (0.6 - 5.1)	4.2 (0.6 - 11.0)

Monitoring Date: 23 September 2022

Monitoring Station: TCB1

1	Unidentified ^(a)	0.7	0.7
2	<i>Tachypleus tridentatus</i>	3.8	7.5
3	<i>Tachypleus tridentatus</i>	2.6	5.0
4	<i>Tachypleus tridentatus</i>	1.8	3.6
5	<i>Tachypleus tridentatus</i>	1.8	3.5
6	<i>Tachypleus tridentatus</i>	2.0	3.8
7	<i>Tachypleus tridentatus</i>	2.1	4.0
8	<i>Tachypleus tridentatus</i>	2.7	5.0
Mean (Range)		2.2 (0.7 - 3.8)	4.1 (0.7 - 7.5)

Note:

(a) 12 horseshoe crab individuals, five (5) at THW, six (6) at TCB3 and one (1) at TCB1 were recorded with prosomal width of 0.6-0.7 cm and total length of 0.6-0.8 cm. These individuals were considered to be too small for species identification by the naked eye and were recorded as unidentified species.

Table K2.2 Results for Seagrass during Qualitative Walk-through Surveys in September 2022

Sighting #	Species	Area (m²)	Area Coverage (%)	Seagrass Area (m²)
Monitoring Date: 22 September 2022				
Monitoring Station: TCB3				
1	<i>Halophila ovalis</i>	57.4	80%	45.9
2	<i>Halophila ovalis</i>	40.5	90%	36.5
3	<i>Halophila ovalis</i>	32.4	80%	25.9

Table K2.3 Results for Other Intertidal Soft Shore Communities during Qualitative Walk-through Surveys in September 2022

Monitoring Station	Shore Height *	No. of Species
TCB1	H	34
	M	33
	L	30
	Overall	42
TCB2	H	26
	M	28
	L	30
	Overall	38
TCB3	H	32
	M	36
	L	28
	Overall	40
THW	H	20
	M	28
	L	29
	Overall	39

* H: +2mCD; M: +1.5mCD; L: +1mCD

Table K2.4 Results for Other Intertidal Soft Shore Communities during Quantitative Transect Surveys in September 2022

Monitoring Station	Shore Height *	Top Three Dominant Species	Density (ind. / m ²)
TCB1	H	1 <i>Cerithidea diadjariensis</i>	194.4
		2 <i>Batillaria zonalis</i>	81.6
		3 <i>Cerithidea cingulata</i>	52.0
	M	1 <i>Cerithidea diadjariensis</i>	135.2
		2 <i>Cerithidea cingulata</i>	52.8
		3 <i>Monodonta labio</i>	38.4
	L	1 <i>Batillaria zonalis</i>	49.6
		2 <i>Cerithidea diadjariensis</i>	25.6
		3 <i>Cerithidea cingulata</i>	16.8
TCB2	H	1 <i>Cerithidea diadjariensis</i>	78.4
		2 <i>Monodonta labio</i>	7.2
		3 <i>Batillaria zonalis</i>	5.6
	M	1 <i>Cerithidea diadjariensis</i>	162.4
		2 <i>Cerithidea cingulata</i>	30.4
		3 <i>Cerithidea microptera</i>	1.6
	L	1 <i>Oligochaete sp.</i>	6.4
		2 <i>Cerithidea diadjariensis</i>	4.8
		3 <i>Sipunculus sp.</i>	2.4
TCB3	H	1 <i>Cerithidea diadjariensis</i>	853.6
		2 <i>Cerithidea cingulata</i>	244.8
		3 <i>Cerithidea microptera</i>	53.6
	M	1 <i>Cerithidea diadjariensis</i>	337.6
		2 <i>Cerithidea cingulata</i>	122.4
		3 <i>Batillaria zonalis</i>	48.8
	L	1 <i>Cerithidea diadjariensis</i>	93.6
		2 <i>Batillaria zonalis</i>	50.4
		3 <i>Cerithidea cingulata</i>	23.2
THW	H	1 <i>Cerithidea diadjariensis</i>	100.8
		2 <i>Geloina erosa</i>	23.2
		3 <i>Terebralia sulcata</i>	16.0
	M	1 <i>Batillaria zonalis</i>	38.4
		2 <i>Cerithidea diadjariensis</i>	30.4
		3 <i>Terebralia sulcata</i>	16.8
	L	1 <i>Cerithidea diadjariensis</i>	406.4
		2 <i>Batillaria zonalis</i>	71.2
		3 <i>Cerithidea cingulata</i>	18.4

* H: +2mCD; M: +1.5mCD; L: +1mCD

Group	Species	TCB1			TCB2			TCB3			THW		
		H (Qual)	M (Qual)	L (Qual)	H (Qual)	M (Qual)	L (Qual)	H (Qual)	M (Qual)	L (Qual)	H (Qual)	M (Qual)	L (Qual)
Algae	<i>Ulva sp.</i>	+			+	+	+	+					
Algae	<i>Gelidium sp.</i>	+		+				+	+	+			+
Anemone	<i>Haliplanella lineata</i>	+						+	+	+			
Barnacle	<i>Balanus amphitrite</i>		+	+	+	+	+	+	+	+			+
Bivalve	<i>Anomalocardia squamosa</i>			+			+	+					
Bivalve	<i>Barbatia virescens</i>		+	+	+	+	+	+	+	+			+
Bivalve	<i>Coecella chinensis</i>			+								+	+
Bivalve	<i>Cyclina sinensis</i>							+	+	+	+	+	
Bivalve	<i>Geloina erosa</i>	+		+	+	+	+	+	+	+	++	+	+
Bivalve	<i>Glaucanome chinensis</i>												+
Bivalve	<i>Perna viridis</i>	+	+	+		+	+	+	+	+			
Bivalve	<i>Saccostrea cucullata</i>	+	+	+	+	++	+++	+	++	++	+	+++	+++
Bivalve	<i>Septifer virgatus</i>	+	+	+				+	+				
Bivalve	<i>Tapes philippinarum</i>												+
Bivalve	<i>Venerupis aspera</i>												+
Crab	<i>Hemigrapsus sanguineus</i>	+	+	+	+			+	+	+		+	
Crab	<i>Macrophthalmus sp.</i>						+						
Crab	<i>Metaplex longipes</i>												+
Crab	<i>Metapograpus frontalis</i>	+	+	+	+	+	+		+	+	+		+
Crab	<i>Metapograpus quadridentatus</i>	+		+	+	+	+	+	+	+	+	+	+
Crab	<i>Parasesarma pictum</i>					+							+
Crab	<i>Perisesarma bidens</i>	+	+		+	+	+	+	+		+	+	
Crab	<i>Scopimera globosa</i>	+	+	+	+								
Crab	<i>Uca borealis</i>	+	+	+	+	+	+	++	+		+	+	+
Crab	<i>Uca lactea</i>	++	+	+	+	+	+	++	+	=	+	+	+
Crab	<i>Uca crassipes</i>	+	+										
Crab	<i>Uca splendida</i>										+	+	
Fish	<i>Gobiidae</i>		+										
Fish	<i>Periophthalmus modestus</i>	+	+	+	++	++	+	++	+	+	+	+	+
Gastropod	<i>Batillaria multiformis</i>	+	+	+	+	+	+	+	++	++	+	+	+
Gastropod	<i>Batillaria zonalis</i>	++	++	++	+	++	+	+	++	++	+	++	++
Gastropod	<i>Cellana toreuma</i>					+	+		+				
Gastropod	<i>Cerithidea cingulata</i>	++	++	++	+	++	+	++	++	+	+	++	++
Gastropod	<i>Cerithidea diadjariensis</i>	+++	+++	++	++	+++	+	+++	+++	++	+++	+++	+++
Gastropod	<i>Cerithidea microptera</i>				+	+		+	+		+	+	+
Gastropod	<i>Cerithidea rhizophorarum</i>	+	+	+				+	+	+			+
Gastropod	<i>Clithon spp.</i>	+	+					+	+				+
Gastropod	<i>Littoraria articulata</i>	+	+		+			+	+				
Gastropod	<i>Littoraria melanostoma</i>				+								
Gastropod	<i>Lunella coronata</i>	+	+	++			+		+	+		+	+
Gastropod	<i>Monodonta labio</i>	+	+		++	+	+	+	+	+		+	+
Gastropod	<i>Nassarius festivus</i>	+	+	+		+	+	+	+	+		+	+
Gastropod	<i>Nerita albicilla</i>	+	+		+	+	+	+	+		+		+
Gastropod	<i>Nerita chamaeleon</i>								+				
Gastropod	<i>Nerita polita</i>				+	+			+	+			+
Gastropod	<i>Nipponacmea concinna</i>	+	+	+						+			
Gastropod	<i>Terebralia palustris</i>											+	
Gastropod	<i>Terebralia sulcata</i>				+						++	+	+
Gastropod	<i>Thais clavigera</i>	+	+	+									
Hermit Crab	<i>Clibanarius sp.</i>	+	+	+		+	+	+	+	+	+	+	+
Hermit Crab	<i>Diogenes sp.</i>	+	+	+		+	+	+				+	
Hermit Crab	<i>Pagurus sp.</i>		+			+	+	+	+	+		+	+
Horseshoe Crab	<i>Tachypleus tridentatus</i>	+	++	+		+	+	+	++	++	++	++	++
Seagrass	<i>Halophila ovalis</i>								++	++			
Sea Slater	<i>Ligia oceanica</i>				+								
Seaslug	<i>Onchidium sp.</i>										+	+	
Worm	<i>Ceratonereis sp.</i>	+		+									
Worm	<i>Echiura spp.</i>		+	+					+	+			
Worm	<i>Oligochaete sp.</i>	+	+	+	+	+	++	+	+	+	+	+	+
Worm	<i>Siphonosoma sp.</i>		+										
Worm	<i>Sipunculus sp.</i>	+				+	+	+	+	+			
Worm	Ribbon Worm sp.					+	+						

Group	Species	TCB1																	
		H1	H2	H3	H4	H5	Density (ind. / m ² or % cover)	M1	M2	M3	M4	M5	Density (ind. / m ² or % cover)	L1	L2	L3	L4	L5	Density (ind. / m ² or % cover)
Algae	<i>Ulva sp.</i>			5%			1%						0%						0%
Algae	<i>Gelidium sp.</i>			5%			1%						0%			10%	15%		5%
Anemone	<i>Haliplanella lineata</i>			1			0.8						0						0
Barnacle	<i>Balanus amphitrite</i>						0%						0%				<5%		<5%
Bivalve	<i>Anomalocardia squamosa</i>						0						0	1					0.8
Bivalve	<i>Barbatia virescens</i>						0						0		1		1		1.6
Bivalve	<i>Coecella chinensis</i>						0						0		1				0.8
Bivalve	<i>Cyclina sinensis</i>						0						0						0
Bivalve	<i>Geloina erosa</i>					2	1.6						0	1					0.8
Bivalve	<i>Perna viridis</i>						0%						0%				<5%		<5%
Bivalve	<i>Saccostrea cucullata</i>	<5%	5%	5%	5%	<5%	3%	5%	10%	5%	<5%	<5%	4%	10%		15%			5%
Bivalve	<i>Septifer virgatus</i>						0%						0%						0%
Crab	<i>Hemigrapsus sanguineus</i>	1	1				1.6			1			0.8			3	2		4
Crab	<i>Macrophthalmus sp.</i>						0						0						0
Crab	<i>Metapograpus frontalis</i>				1		0.8						0						0
Crab	<i>Metapograpus quadridentatus</i>						0						0						0
Crab	<i>Perisesarma bidens</i>						0						0						0
Crab	<i>Uca borealis</i>						0						0						0
Crab	<i>Uca lactea</i>	2					1.6						0						0
Gastropod	<i>Batillaria multiformis</i>	5				3	6.4	2		2			3.2				3	3	4.8
Gastropod	<i>Batillaria zonalis</i>	22	36	23	11	10	81.6	14	3	4	6	2	23.2	7	1	3	21	30	49.6
Gastropod	<i>Cellana toreuma</i>						0						0						0
Gastropod	<i>Cerithidea cingulata</i>	14		31	20		52	6	2	15	12	31	52.8	13	1	4	1	2	16.8
Gastropod	<i>Cerithidea diadjarimensis</i>	144	2	39	48	10	194.4	22	15	27	60	45	135.2	20	2	5	2	3	25.6
Gastropod	<i>Cerithidea microptera</i>						0						0						0
Gastropod	<i>Cerithidea rhizophorarum</i>	5		10			12	4		3	8		12	6	4				8
Gastropod	<i>Clithon spp.</i>				1		0.8				1		0.8						0
Gastropod	<i>Littoraria articulata</i>		22				17.6		6				4.8						0
Gastropod	<i>Lunella coronata</i>						0						0						0
Gastropod	<i>Monodonta labio</i>	2	36	5	3		36.8		44	4			38.4						0
Gastropod	<i>Nassarius festivus</i>				4		3.2			10			8			3	2		4
Gastropod	<i>Nerita albicilla</i>						0						0						0
Gastropod	<i>Nerita chamaeleon</i>						0						0						0
Gastropod	<i>Nerita polita</i>						0						0						0
Gastropod	<i>Nipponacmea concinna</i>						0						0						0
Gastropod	<i>Terebralia palustris</i>						0						0						0
Gastropod	<i>Terebralia sulcata</i>						0						0						0
Hermit Crab	<i>Clibanarius sp.</i>						0						0		1				0.8
Hermit Crab	<i>Diogenes sp.</i>						0						0						0
Hermit Crab	<i>Pagurus sp.</i>						0						0						0
Horseshoe Crab	<i>Tachypleus tridentatus</i>				1		0.8						0						0
Sea Slater	<i>Ligia oceanica</i>						0						0						0
Seaslug	<i>Onchidium sp.</i>						0						0						0
Worm	<i>Ceratonereis sp.</i>				1		0.8						0					1	0.8
Worm	<i>Echiura spp.</i>						0	1	1				1.6	1	2				2.4
Worm	<i>Oligochaete sp.</i>						0						0						0
Worm	<i>Siphonosoma sp.</i>						0		1				0.8						0
Worm	<i>Sipunculus sp.</i>				1		0.8						0						0
Worm	Ribbon Worm sp.						0						0						0

Group	Species	TCB2																	
		H1	H2	H3	H4	H5	Density (ind. / m ² or % cover)	M1	M2	M3	M4	M5	Density (ind. / m ² or % cover)	L1	L2	L3	L4	L5	Density (ind. / m ² or % cover)
Algae	<i>Ulva sp.</i>						0%	5%					1%				5%		1%
Algae	<i>Gelidium sp.</i>						0%						0%						0%
Anemone	<i>Haliplanella lineata</i>						0						0						0
Barnacle	<i>Balanus amphitrite</i>						0%					<5%	<5%					<5%	<5%
Bivalve	<i>Anomalocardia squamosa</i>						0						0					1	0
Bivalve	<i>Barbatia virescens</i>						0						0						0
Bivalve	<i>Coecella chinensis</i>						0						0						0
Bivalve	<i>Cyclina sinensis</i>						0						0						0
Bivalve	<i>Geloina erosa</i>		1	1			1.6				1		0.8				1		0.8
Bivalve	<i>Perna viridis</i>						0%						0%	<5%					<5%
Bivalve	<i>Saccostrea cucullata</i>		<5%				0%	5%	15%	5%		15%	8%	25%	30%	40%	5%	20%	24%
Bivalve	<i>Septifer virgatus</i>						0%						0%						0%
Crab	<i>Hemigrapsus sanguineus</i>		2	1			2.4						0						0
Crab	<i>Macrophthalmus sp.</i>						0						0			1			0.8
Crab	<i>Metapograpsus frontalis</i>						0						0						0
Crab	<i>Metapograpsus quadridentatus</i>	1					0.8						0						0
Crab	<i>Perisesarma bidens</i>	1					0.8		1				0.8			1		1	1.6
Crab	<i>Uca borealis</i>					2	1.6						0						0
Crab	<i>Uca lactea</i>						0						0						0
Gastropod	<i>Batillaria multiformis</i>						0						0						0
Gastropod	<i>Batillaria zonalis</i>				7		5.6						0						0
Gastropod	<i>Cellana toreuma</i>						0						0						0
Gastropod	<i>Cerithidea cingulata</i>				6		4.8	6	5	5	18	4	30.4		1				0.8
Gastropod	<i>Cerithidea diadjarimensis</i>			1	66	31	78.4	65	28	30	28	52	162.4	1	2	2		1	4.8
Gastropod	<i>Cerithidea microptera</i>				2		1.6	1			1		1.6						0
Gastropod	<i>Cerithidea rhizophorarum</i>						0						0						0
Gastropod	<i>Clithon spp.</i>						0						0						0
Gastropod	<i>Littoraria articulata</i>						0						0						0
Gastropod	<i>Lunella coronata</i>						0						0						0
Gastropod	<i>Monadonta labio</i>	9					7.2						0						0
Gastropod	<i>Nassarius festivus</i>						0	1					0.8						0
Gastropod	<i>Nerita albicilla</i>						0						0						0
Gastropod	<i>Nerita chamaeleon</i>						0						0						0
Gastropod	<i>Nerita polita</i>						0						0						0
Gastropod	<i>Nipponacmea concinna</i>						0						0						0
Gastropod	<i>Terebralia palustris</i>						0						0						0
Gastropod	<i>Terebralia sulcata</i>						0						0						0
Hermit Crab	<i>Clibanarius sp.</i>						0						0	1			1		1.6
Hermit Crab	<i>Diogenes sp.</i>						0			1			0.8						0
Hermit Crab	<i>Pagurus sp.</i>						0					1	0.8						0
Horseshoe Crab	<i>Tachypleus tridentatus</i>						0						0						0
Sea Slater	<i>Ligia oceanica</i>	1					0.8						0						0
Seaslug	<i>Onchidium sp.</i>						0						0						0
Worm	<i>Ceratonereis sp.</i>						0						0						0
Worm	<i>Echiura spp.</i>						0						0						0
Worm	<i>Oligochaete sp.</i>						0						0	1	4	3			6.4
Worm	<i>Siphonosoma sp.</i>						0						0						0
Worm	<i>Sipunculus sp.</i>						0						0		3				2.4
Worm	Ribbon Worm sp.						0						0		1				0.8

Group	Species	TCB3																	
		H1	H2	H3	H4	H5	Density (ind. / m ² or % cover)	M1	M2	M3	M4	M5	Density (ind. / m ² or % cover)	L1	L2	L3	L4	L5	Density (ind. / m ² or % cover)
Algae	<i>Ulva sp.</i>			20%			4%						0%						0%
Algae	<i>Gelidium sp.</i>						0%			5%			1%		5%				1%
Anemone	<i>Haliplanella lineata</i>						0						0						0
Barnacle	<i>Balanus amphitrite</i>		<5%				<5%			<5%		<5%		5%		5%		5%	3%
Bivalve	<i>Anomalocardia squamosa</i>						0						0						0
Bivalve	<i>Barbatia virescens</i>						0					1	0.8		1		1		1.6
Bivalve	<i>Coecella chinensis</i>						0						0						0
Bivalve	<i>Cyclina sinensis</i>						0						0					1	0.8
Bivalve	<i>Geloina erosa</i>	3	1	1			4	3				3	4.8	1	1				1.6
Bivalve	<i>Perna viridis</i>						0%		5%	2%			1%		5%				1%
Bivalve	<i>Saccostrea cucullata</i>		10%	1%	1%		2%	15%	25%	15%	10%	20%	17%	10%	10%	10%	15%	5%	10%
Bivalve	<i>Septifer virgatus</i>		<5%				<5%					<5%							0%
Crab	<i>Hemigrapsus sanguineus</i>		1				0.8		2	1			5	6.4		2	1		2.4
Crab	<i>Macrophthalmus sp.</i>						0						0						0
Crab	<i>Metapograpsus frontalis</i>						0		1		1		1.6						0
Crab	<i>Metapograpsus quadridentatus</i>		1				0.8			1			0.8				2		1.6
Crab	<i>Perisesarma bidens</i>						0						0						0
Crab	<i>Uca borealis</i>	1					0.8						0						0
Crab	<i>Uca lactea</i>						0						0						0
Gastropod	<i>Batillaria multiformis</i>	2	2				3.2		4		4	4	9.6	3	6		4		10.4
Gastropod	<i>Batillaria zonalis</i>	6	4	5	4	1	16	5	16	2	10	28	48.8	11	12	10	16	14	50.4
Gastropod	<i>Cellana toreuma</i>						0					1	0.8						0
Gastropod	<i>Cerithidea cingulata</i>	68	124	57	25	32	244.8	54	12	38	46	3	122.4	5	2		18	4	23.2
Gastropod	<i>Cerithidea diadjarimensis</i>	244	338	242	109	134	853.6	184	72	63	73	30	337.6	51	20	4	30	12	93.6
Gastropod	<i>Cerithidea microptera</i>	22	12	24	1	8	53.6	3	4	2	8		13.6						0
Gastropod	<i>Cerithidea rhizophorarum</i>	2		3	2	4	8.8	1		1			1.6		2				1.6
Gastropod	<i>Clithon spp.</i>	14					11.2	1					0.8						0
Gastropod	<i>Littoraria articulata</i>		7				5.6	2				1	2.4						0
Gastropod	<i>Lunella coronata</i>						0	1					0.8			1	2	2	4
Gastropod	<i>Monadonta labio</i>		3				2.4		10		1	12	18.4	2			3	4	7.2
Gastropod	<i>Nassarius festivus</i>		5	1		1	5.6	1		1			1.6	3		4			5.6
Gastropod	<i>Nerita albicilla</i>	2	1				2.4	3					2.4						0
Gastropod	<i>Nerita chamaeleon</i>						0	1					0.8						0
Gastropod	<i>Nerita polita</i>						0	5				2	5.6	1					0.8
Gastropod	<i>Nipponacmea concinna</i>						0						0		1				0.8
Gastropod	<i>Terebralia palustris</i>						0						0						0
Gastropod	<i>Terebralia sulcata</i>						0						0						0
Hermit Crab	<i>Clibanarius sp.</i>						0						0						0
Hermit Crab	<i>Diogenes sp.</i>						0						0						0
Hermit Crab	<i>Pagrurus sp.</i>						0						0						0
Horseshoe Crab	<i>Tachypleus tridentatus</i>						0			1			0.8						0
Sea Slater	<i>Ligia oceanica</i>						0						0						0
Seaslug	<i>Onchidium sp.</i>						0						0						0
Worm	<i>Ceratonereis sp.</i>						0						0						0
Worm	<i>Echiura spp.</i>						0	1			1		1.6						0
Worm	<i>Oligochaete sp.</i>						0						0						0
Worm	<i>Siphonosoma sp.</i>						0						0						0
Worm	<i>Sipunculus sp.</i>						0					5	4		1		1		1.6
Worm	Ribbon Worm sp.						0						0						0

Group	Species	THW																	
		H1	H2	H3	H4	H5	Density (ind. / m ² or % cover)	M1	M2	M3	M4	M5	Density (ind. / m ² or % cover)	L1	L2	L3	L4	L5	Density (ind. / m ² or % cover)
Algae	<i>Ulva sp.</i>						0%						0%						0%
Algae	<i>Gelidium sp.</i>						0%						0%				<5%		<5%
Anemone	<i>Haliplanella lineata</i>						0						0						0
Barnacle	<i>Balanus amphitrite</i>						0%						0%				<5%		<5%
Bivalve	<i>Anomalocardia squamosa</i>						0						0						0
Bivalve	<i>Barbatia virescens</i>						0						0						1 0.8
Bivalve	<i>Coecella chinensis</i>						0				1		0.8						1 0.8
Bivalve	<i>Cyclina sinensis</i>				1		0.8		1				0.8						0
Bivalve	<i>Geloina erosa</i>	1		18	2	8	23.2	2					1.6	4					3.2
Bivalve	<i>Perna viridis</i>						0%						0%						0%
Bivalve	<i>Saccostrea cucullata</i>	5%	5%				2%	5%	10%	30%	25%	30%	20%		10%	5%	15%	10%	8%
Bivalve	<i>Septifer virgatus</i>						0%						0%						0%
Crab	<i>Hemigrapsus sanguineus</i>						0		1				0.8						0
Crab	<i>Macrophthalmus sp.</i>						0						0						0
Crab	<i>Metapograpus frontalis</i>						0						0						0
Crab	<i>Metapograpus quadridentatus</i>						0						0						1 0.8
Crab	<i>Perisesarma bidens</i>						0						0						0
Crab	<i>Uca borealis</i>						0						0						0
Crab	<i>Uca lactea</i>						0						0						1 0.8
Gastropod	<i>Batillaria multiformis</i>						0	2	1				2.4						8 6.4
Gastropod	<i>Batillaria zonalis</i>						0	40	4			4	38.4			23	2	64	71.2
Gastropod	<i>Cellana toreuma</i>						0						0						0
Gastropod	<i>Cerithidea cingulata</i>	4	12				12.8	13	6				15.2	5	4	12	2		18.4
Gastropod	<i>Cerithidea diadjarimensis</i>	40	74	6		6	100.8	18	10	8		2	30.4	72	67	302	25	42	406.4
Gastropod	<i>Cerithidea microptera</i>		2				1.6						0	4	3	5	1		10.4
Gastropod	<i>Cerithidea rhizophorarum</i>						0						0						0
Gastropod	<i>Clithon spp.</i>						0						0						0
Gastropod	<i>Littoraria articulata</i>						0						0						0
Gastropod	<i>Lunella coronata</i>						0						0						0
Gastropod	<i>Monadonta labio</i>						0						0						0
Gastropod	<i>Nassarius festivus</i>						0				1		0.8	1					0.8
Gastropod	<i>Nerita albicilla</i>						0						0						1 0.8
Gastropod	<i>Nerita chamaeleon</i>						0						0						0
Gastropod	<i>Nerita polita</i>						0						0						0
Gastropod	<i>Nipponacmea concinna</i>						0						0						0
Gastropod	<i>Terebralia palustris</i>						0	2	1	3	1		5.6						0
Gastropod	<i>Terebralia sulcata</i>	4	10	6			16	3	1	12		5	16.8			2			1.6
Hermit Crab	<i>Clibanarius sp.</i>						0						0						0
Hermit Crab	<i>Diogenes sp.</i>						0						0						0
Hermit Crab	<i>Pagurus sp.</i>						0						0						0
Horseshoe Crab	<i>Tachypleus tridentatus</i>						0						0						0
Sea Slater	<i>Ligia oceanica</i>						0						0						0
Seaslug	<i>Onchidium sp.</i>						0			1			0.8						0
Worm	<i>Ceratonereis sp.</i>						0						0						0
Worm	<i>Echiura spp.</i>						0						0						0
Worm	<i>Oligochaete sp.</i>					1	0.8			1			0.8	3					2.4
Worm	<i>Siphonosoma sp.</i>						0						0						0
Worm	<i>Sipunculus sp.</i>						0						0						0
Worm	Ribbon Worm sp.						0						0						0