



Figure 2.1. The study site was divided into three sampling zones (TC1, TC2, TC3) in Tung Chung Bay and one zone in San Tau (ST) (map generated from Google Map).

TC1



TC2



TC3



ST



Figure 2.2. *Photographic record of the environment in every sampling zone.*

TC1 *Carcinoscorpius rotundicauda*



TC2 *Carcinoscorpius rotundicauda*



TC3 *Carcinoscorpius rotundicauda*



Figure 3.1. Examples of photographic records of horseshoe crab *Carcinoscorpius rotundicauda* and *Tachypleus tridentatus* (Sep. 2015)

TC3 *Tachypleus tridentatus*



ST *Carcinoscorpius rotundicauda*

This big individual is caught by trash fish net laid on shore.



ST *Tachypleus tridentatus*



Figure 3.1 (Cont'd). Examples of photographic records of horseshoe crab *Carcinoscorpius rotundicauda* and *Tachypleus tridentatus* (Sep. 2015)

Table 3.1. *Summary of horseshoe crab survey in every sampling zone.*

	TC1	TC2	TC3	ST
Search duration (hr)	2	2	3	3
<i>Carcinoscorpius rotundicauda</i>				
no. of individuals	41	4	70	81
mean prosomal width (mm)	39.58	36.20	27.27	37.03
max. prosomal width (mm)	65.62	45.72	53.35	66.53
min. prosomal width (mm)	25.58	25.80	18.48	19.96
Search record (ind. hr ⁻¹ person ⁻¹)	10.3	1.0	11.7	13.5
<i>Tachypleus tridentatus</i>				
no. of individuals			1	9
mean prosomal width (mm)			53.90	48.50
max. prosomal width (mm)	N.A.	N.A.	53.90	70.00
min. prosomal width (mm)			53.90	30.63
Search record (ind. hr ⁻¹ person ⁻¹)			0.2	1.5



Figure 3.2. *Photographic records of mating pair (above) and moult (below) of Carcinoscorpius rotundicauda (Mar. 2015)*

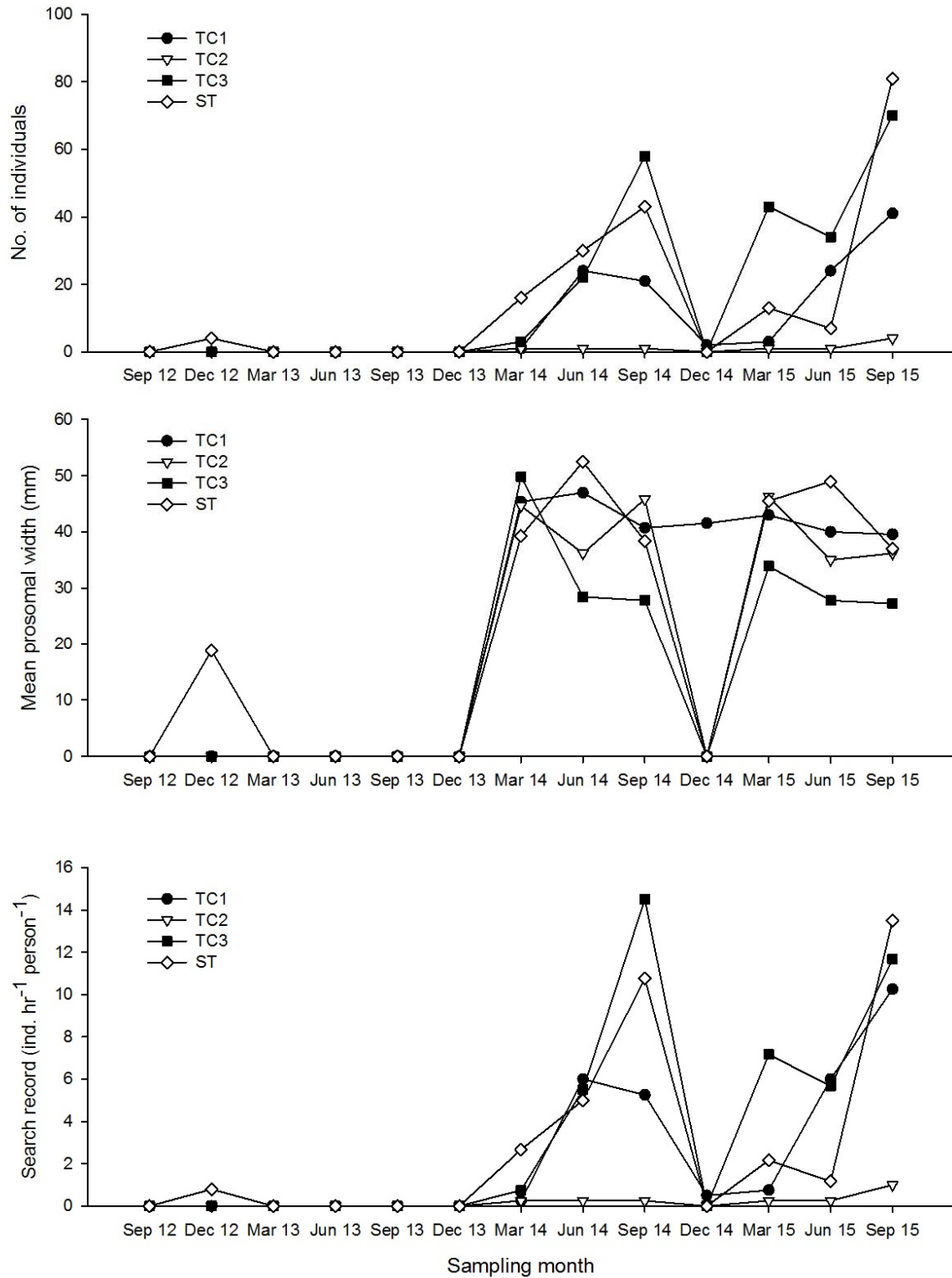


Figure 3.3. Changes of number of individuals, mean prosomal width and search record of horseshoe crab *Carcinoscorpius rotundicauda* in every sampling zone along the sampling months.

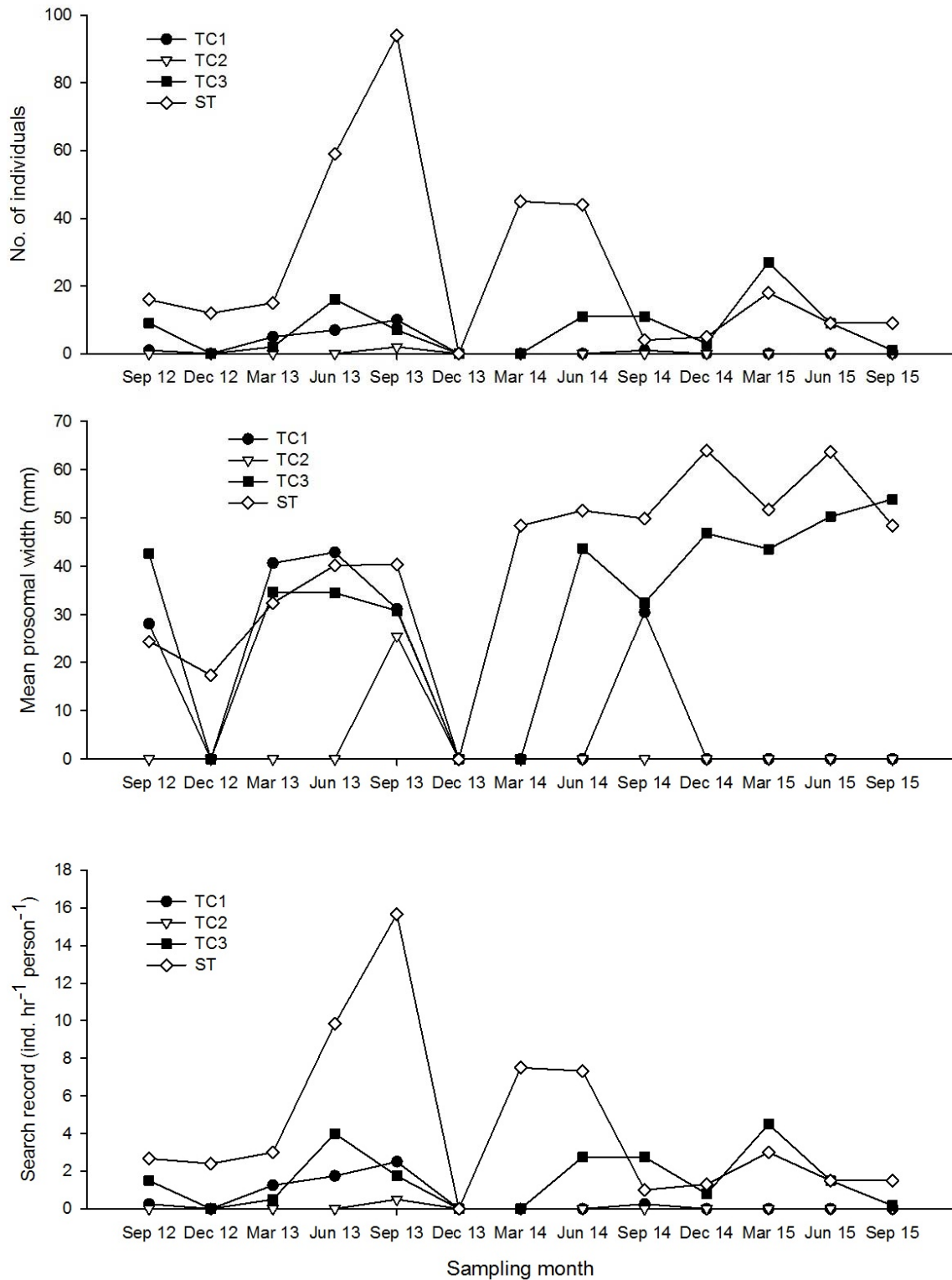


Figure 3.4. Changes of number of individuals, mean prosomal width and search record of horseshoe crab *Tachypleus tridentatus* in every sampling zone along the sampling months.

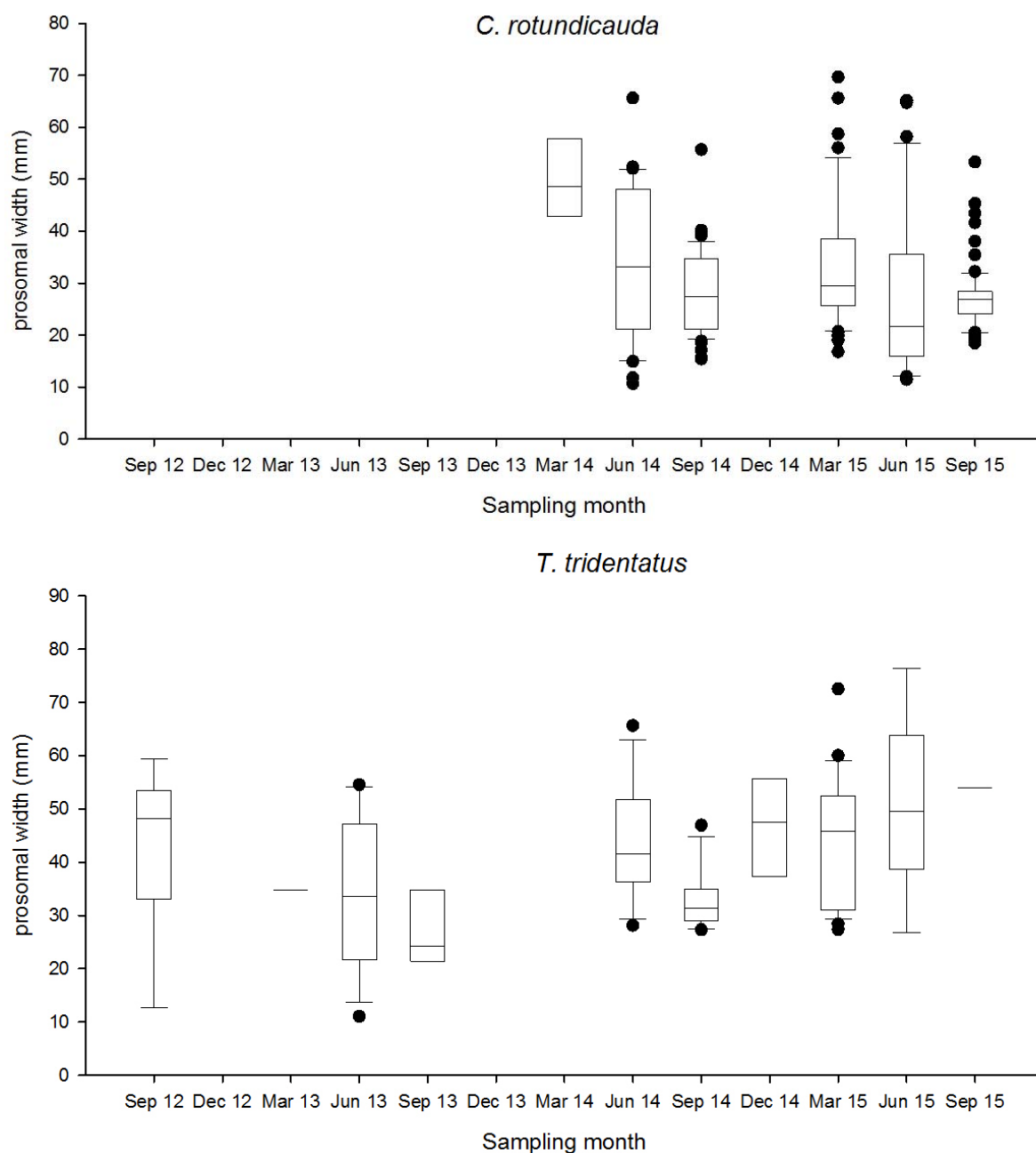


Figure 3.5. Box plot of prosomal width of horseshoe crab in the sampling zone TC3 along the sampling months. (The box represents 50% of the sample (upper to lower quartile) with a middle line showing the median value. The upper whisker and lower whisker showed the 25% of sample above upper quartile and below the lower quartile respectively. The black circle dots showed the data of outlier.)

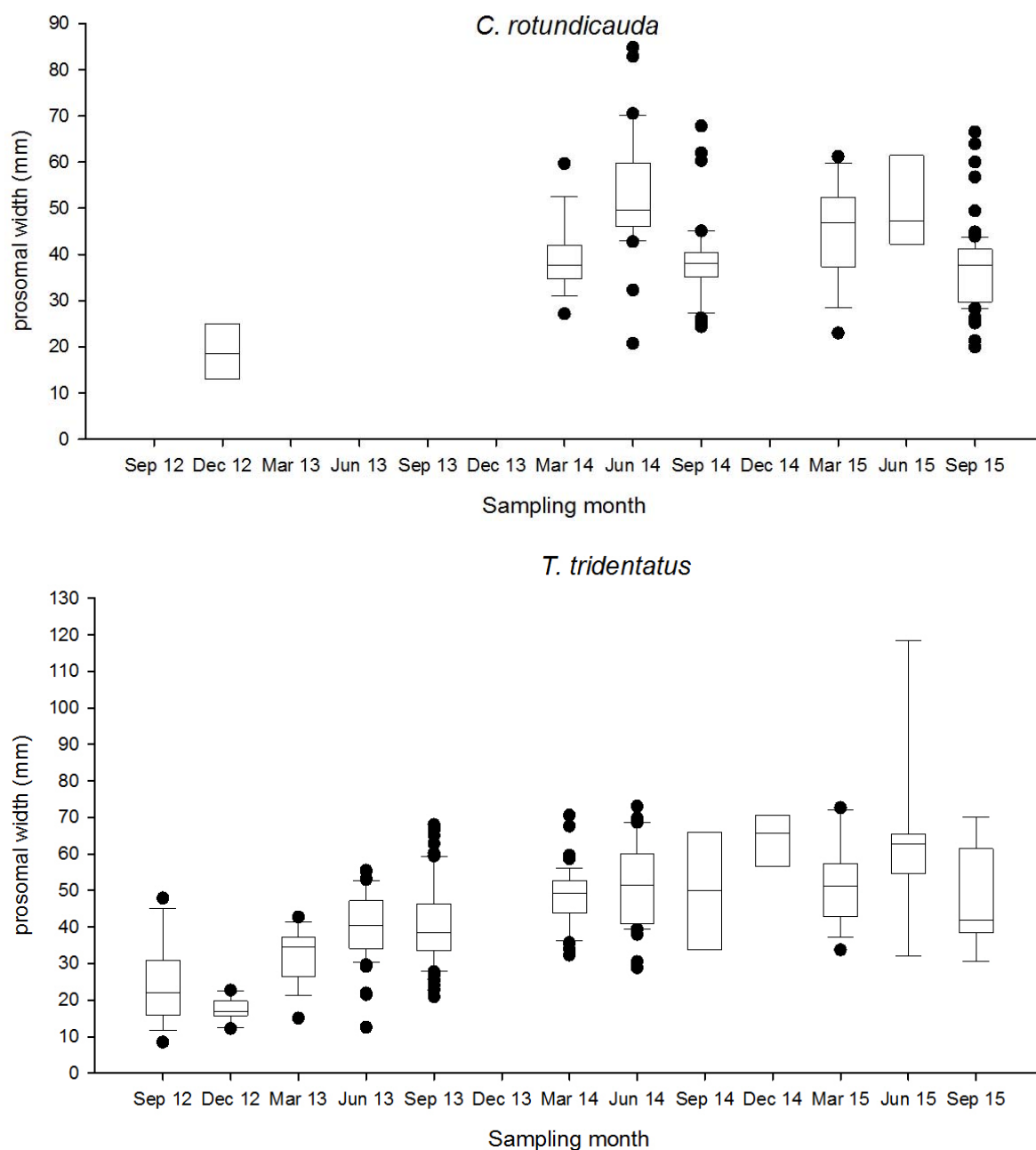


Figure 3.6. Box plot of prosomal width of horseshoe crab in the sampling zone ST along the sampling months. (The box represents 50% of the sample (upper to lower quartile) with a middle line showing the median value. The upper whisker and lower whisker showed the 25% of sample above upper quartile and below the lower quartile respectively. The black circle dots showed the data of outlier.)

Zostera japonica



Halophila ovalis



Figure 3.7. Examples of photographic records of seagrass beds survey in ST (Sep. 2015)

Table 3.2. *Summary of seagrass beds survey in the sampling zone ST.*

Summary	<i>Halophila ovalis</i>	<i>Zostera japonica</i>
Number of patches	4	2
Total area (m ²)	91.4	43.7
Average area (m ²)	22.8	21.8

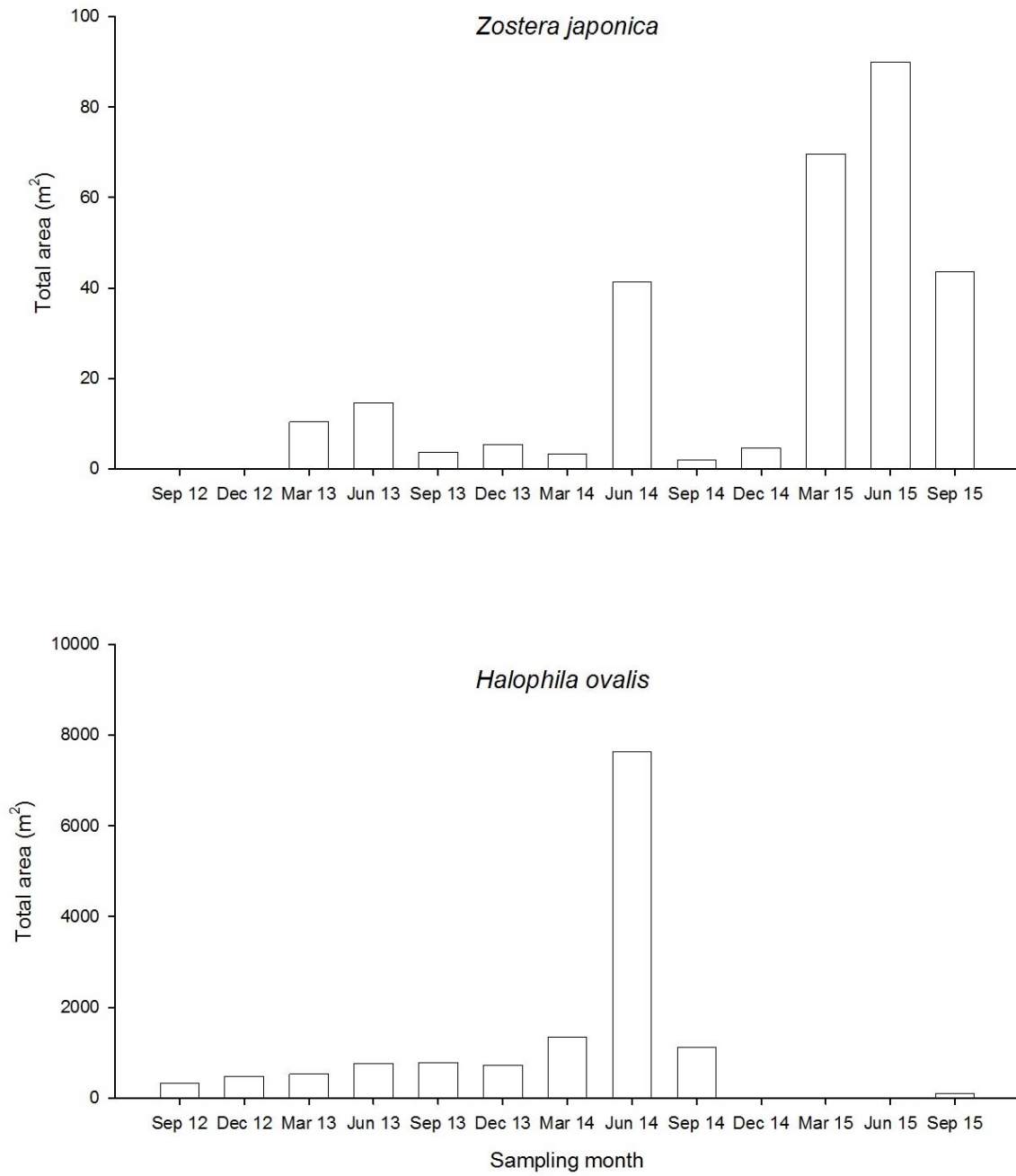


Figure 3.8. Changes of estimated total area of seagrass beds in ST along the sampling months

Jun. 2014



Dec. 2014



Mar. 2015



Jun. 2015



Sep. 2015



Figure 3.9. *Comparison of pictures taken in different sampling months shows the disappearance and recruitment of seagrass beds.*

Table 3.3. *Relative distribution (%) of types of substratum along the horizontal transect at every tidal level and in every sampling zone.*

Sampling zone	Tidal level	Percentage		
		Gravels and Boulders	Sands	Soft mud
TC1	H	20	70	10
	M	100		
	L	80	20	
TC2	H	10	60	30
	M	30	70	
	L		40	60
TC3	H		90	10
	M		100	
	L	100		
ST	H	100		
	M	90	10	
	L	30	70	

H: 2.0 m above C.D.; M: 1.5 m above C.D.; L: 1.0 m above C.D.

TC1 H



TC1 L

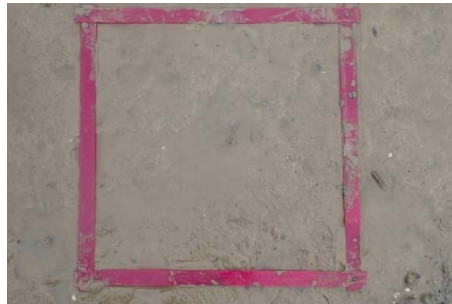


06/9/2015

TC2 M



TC2 L



12/9/2015

TC3 H



TC3 L



13/9/2015

ST M



ST L



05/9/2015

Figure 3.10. *Examples of photographic records of quadrat for intertidal soft shore community survey (H: 2.0 m above C.D.; M: 1.5 m above C.D.; L: 1.0 m above C.D.)*

Table 3.4. *Total abundance, density and number of taxon of every phylum*

Phylum	Total Abundance	%	Density (ind. m ⁻²)	Number of taxon
<u>Sep. 2015</u>				
Mollusca	11994	95.9	400	35
Arthropoda	383	3.1	13	13
Annelida	71	0.6	2	9
Sipuncula	23	0.2	1	1
Cnidaria	13	0.1	0	1
Nemertea	9	0.1	0	1
Echiura	4	0.0	0	1
Chordata	3	0.0	0	1
Platyhelminthes	2	0.0	0	1
Total	12502			

0.0 %: Total abundance of the phylum is less than 0.1% of relative abundance.

0 ind. m⁻²: Density of the phylum is less than 1 ind. m⁻².

Table 3.5. *The number of individuals, relative abundance (percentage) and density of each phylum in every sampling zone.*

Phylum	TC1	%	Density (ind. m ⁻²)	TC2	%	Density (ind. m ⁻²)	TC3	%	Density (ind. m ⁻²)	ST	%	Density (ind. m ⁻²)
Annelida	1	0.0	0	32	1.1	4	35	0.8	5	3	0.1	0
Arthropoda	35	1.4	5	110	3.7	15	169	3.8	23	69	2.8	9
Chordata	1	0.0	0							2	0.1	0
Cnidaria							1	0.0	0	12	0.5	2
Echiura	4	0.2	1									
Mollusca	2509	98.0	335	2829	94.9	377	4297	95.4	573	2359	96.1	315
Nemertea	2	0.1	0	2	0.1	0				5	0.2	1
Platyhelminthes										2	0.1	0
Sipuncula	8	0.3	1	9	0.3	1	4	0.1	1	2	0.1	0
Sub-total	2560			2982			4506			2454		

0.0 %: Total abundance of the phylum is less than 0.1% of relative abundance of the sampling zone.

0 ind. m⁻²: Density of the phylum is less than 1 ind. m⁻² of the sampling zone.

Table 3.6. *The abundant species (relative abundance >10%) in every sampling zone.*

Sampling zone TC1	Group	Species	Mean density (ind. m ⁻²)	Relative abundance (%)	Cumulative relative abundance (%)
High	G	<i>Batillaria multiformis</i>	54	29	29
	G	<i>Cerithidea djadjariensis</i>	47	25	55
	G	<i>Cerithidea cingulata</i>	38	20	75
Mid	G	<i>Monodonta labio</i>	112	34	34
	G	<i>Batillaria multiformis</i>	79	24	58
	Bi	<i>Saccostrea cucullata</i>	72	22	80
Low	G	<i>Monodonta labio</i>	242	47	47
	Bi	<i>Saccostrea cucullata</i>	121	24	71

Bi = Bivalve, G = Gastropod

Table 3.6 (Cont'd). *The abundant species (relative abundance >10%) in every sampling zone.*

Sampling zone TC2	Group	Species	Mean density (ind. m ⁻²)	Relative abundance (%)	Cumulative relative abundance (%)
High	G	<i>Cerithidea djadjariensis</i>	407	53	53
	G	<i>Cerithidea cingulata</i>	157	20	73
Mid	Bi	<i>Saccostrea cucullata</i>	76	25	25
	G	<i>Batillaria zonalis</i>	73	24	49
	G	<i>Monodonta labio</i>	44	15	63
	G	<i>Cerithidea djadjariensis</i>	31	10	73
Low	G	<i>Batillaria zonalis</i>	41	34	34
	Bi	<i>Saccostrea cucullata</i>	24	20	54
	Ba	<i>Balanus amphitrite</i>	19	16	70

Ba = Barnacle, Bi = Bivalve, G = Gastropod

Table 3.6 (Cont'd). *The abundant species (relative abundance >10%) in every sampling zone.*

Sampling zone TC3	Group	Species	Mean density (ind. m ⁻²)	Relative abundance (%)	Cumulative relative abundance (%)
High	G	<i>Cerithidea djadjariensis</i>	257	35	35
	G	<i>Batillaria multiformis</i>	256	35	71
	G	<i>Cerithidea cingulata</i>	128	18	88
Mid	G	<i>Cerithidea cingulata</i>	222	39	39
	G	<i>Cerithidea djadjariensis</i>	146	25	64
	G	<i>Batillaria multiformis</i>	143	25	89
Low	G	<i>Monodonta labio</i>	197	39	39
	Bi	<i>Saccostrea cucullata</i>	146	29	69
	Bi	<i>Xenostrobus atratus</i>	48	10	78

Bi = Bivalve, G = Gastropod

Table 3.6 (Cont'd). *The abundant species (relative abundance >10%) in every sampling zone.*

Sampling zone ST	Group	Species	Mean density (ind. m ⁻²)	Relative abundance (%)	Cumulative relative abundance (%)
High	G	<i>Monodonta labio</i>	130	34	34
	Bi	<i>Saccostrea cucullata</i>	80	21	56
	G	<i>Batillaria multiformis</i>	76	20	76
Mid	G	<i>Monodonta labio</i>	145	38	38
	Bi	<i>Saccostrea cucullata</i>	91	24	61
	G	<i>Lunella coronata</i>	45	12	73
Low	Bi	<i>Saccostrea cucullata</i>	71	33	33
	G	<i>Lunella coronata</i>	41	19	52
	G	<i>Euchelus scaber</i>	30	14	66

Bi = Bivalve, G = Gastropod

Table 3.7. Mean values of species number, density, Shannon-Weaver Diversity Index (H') and Pielou's Species Evenness (J) at every tidal level and in every sampling zone

Sampling zone	Tidal level	Species number (spp. 0.25 m ⁻²)	Mean species number across tidal levels	Mean density (ind. m ⁻²)	Mean density across tidal levels	Mean H'	Mean H' across tidal levels	Mean J	Mean J across tidal levels
TC1	H	5	8	186	341	1.1	1.3	0.8	0.7
	M	8		328		1.5		0.7	
	L	10		510		1.3		0.6	
TC2	H	9	8	769	398	1.3	1.4	0.6	0.7
	M	9		306		1.5		0.7	
	L	7		118		1.3		0.7	
TC3	H	7	8	726	601	1.2	1.3	0.6	0.6
	M	7		576		1.3		0.6	
	L	11		500		1.5		0.6	
ST	H	11	10	379	327	1.7	1.6	0.7	0.7
	M	12		386		1.7		0.7	
	L	8		216		1.3		0.7	

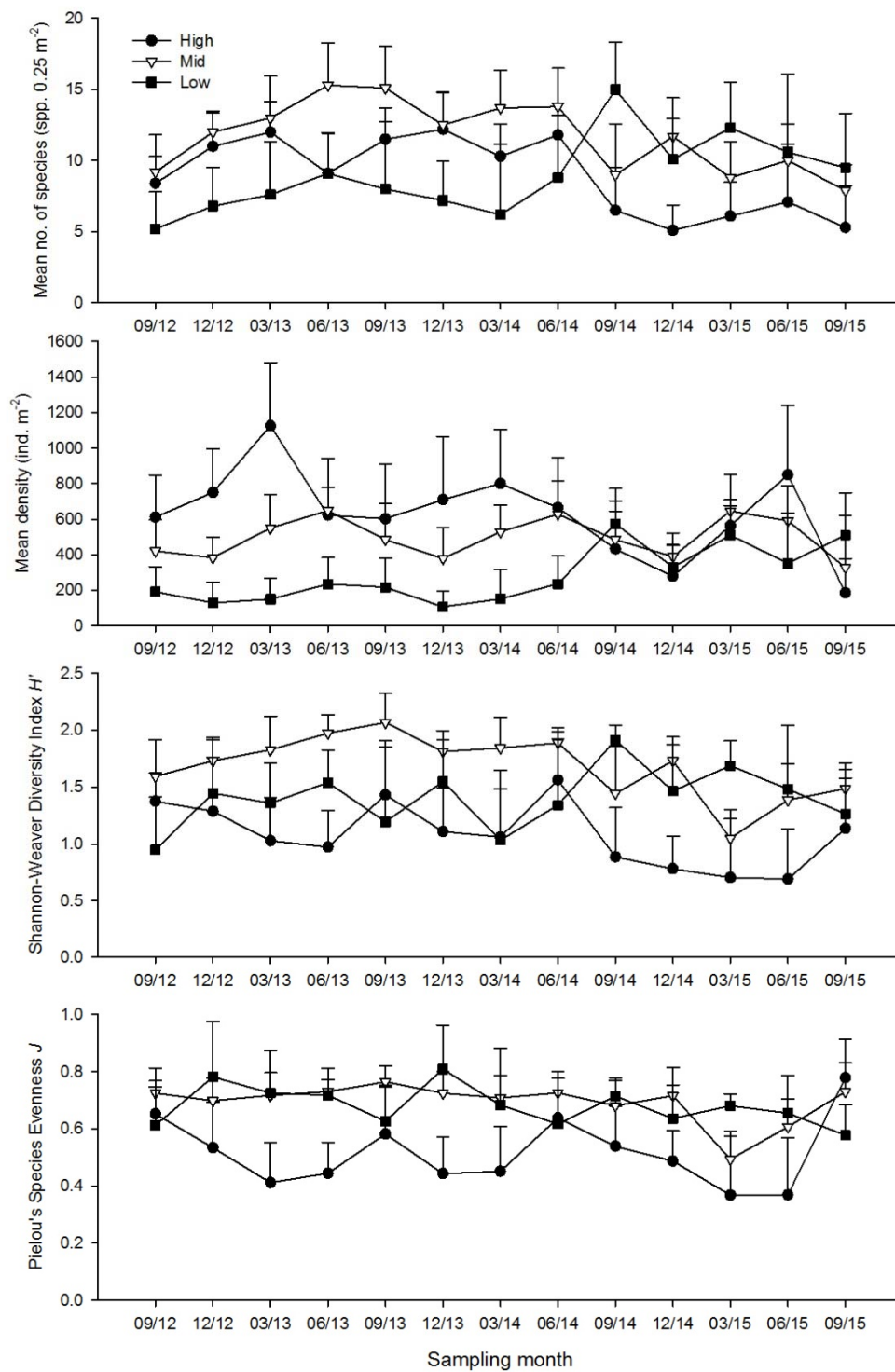


Figure 3.11. Temporal changes of mean number of species, mean density, Shannon-Weaver Diversity Index (H') and Pielou's Species Evenness (J) (mean + SD) at every tidal level in sampling zone TC1

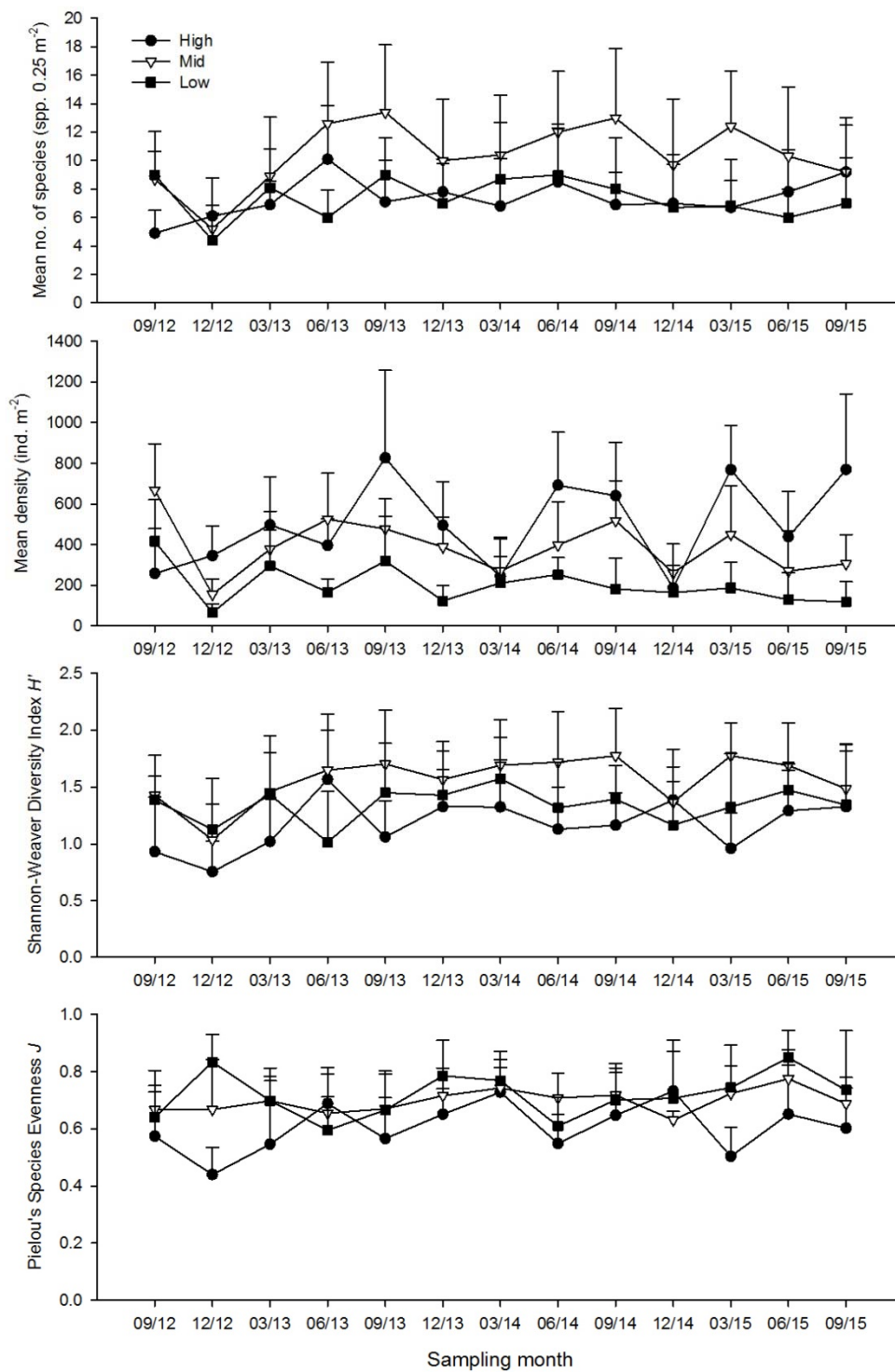


Figure 3.12. Temporal changes of mean number of species, mean density, Shannon-Weaver Diversity Index (H') and Pielou's Species Evenness (J) (mean + SD) at every tidal level in sampling zone TC2

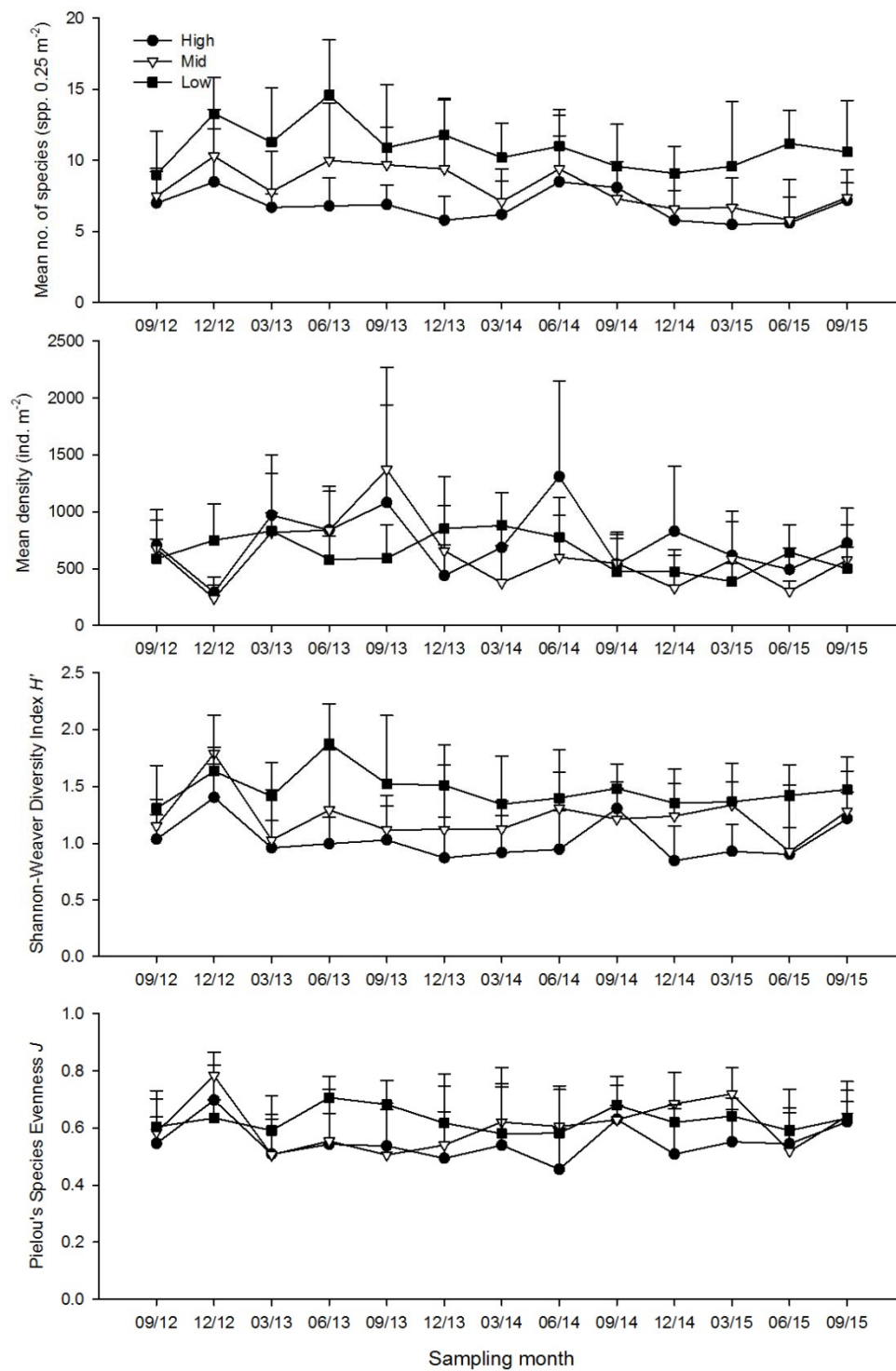


Figure 3.13. Temporal changes of mean number of species, mean density, Shannon-Weaver Diversity Index (H') and Pielou's Species Evenness (J) (mean + SD) at every tidal level in sampling zone TC3

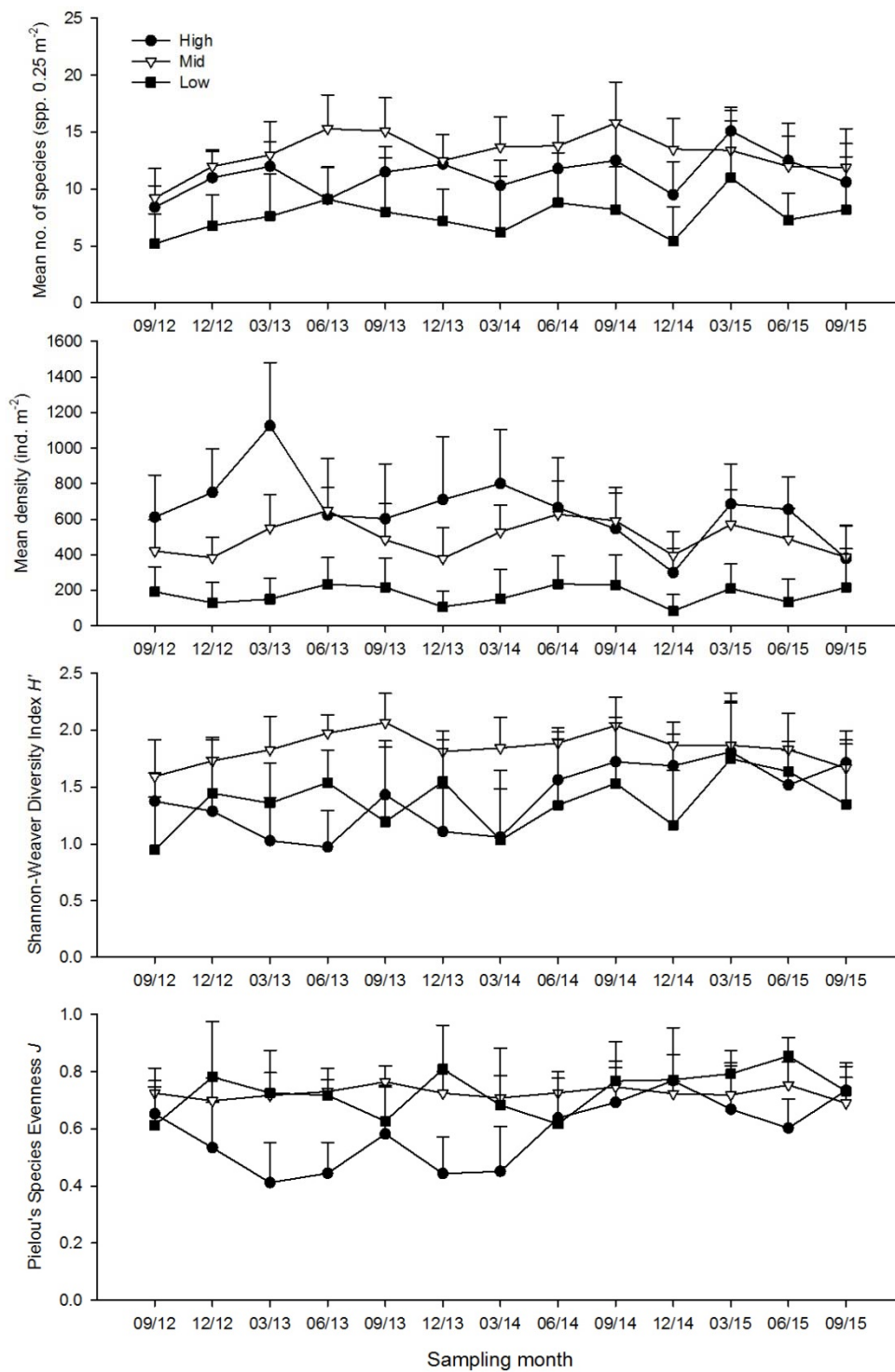


Figure 3.14. Temporal changes of mean number of species, mean density, Shannon-Weaver Diversity Index (H') and Pielou's Species Evenness (J) (mean + SD) at every tidal level in sampling zone ST

Annex I *Location of sampling zones (map from ATKINS China Ltd.)*



Annex II. Record of horseshoe crab survey in every sampling zone.

No.	Sub.	GPS coordinate		Record of prosomal width (mm)							
Sampling site TC1 (Search hour = 2 hrs)				Carcinoscorpius rotundicauda						Tachypleus tridentatus	
1	S	22° 17.004' N	113° 55.992' E	30.15	33.91	36.59	36.80	36.97	37.96	38.40	
				40.70	41.90						
2	S	22° 17.005' N	113° 55.986' E	26.98	28.32	41.96					
3	S	22° 16.994' N	113° 55.987' E	25.58	28.34	34.68	35.68	35.95	37.10		
4	S	22° 17.019' N	113° 55.987' E	34.35	38.76	42.44					
5	S	22° 17.037' N	113° 56.044' E	34.08	41.53						
6	S	22° 17.045' N	113° 56.029' E	29.40							
7	S	22° 17.025' N	113° 55.978' E	26.62							
8	S	22° 17.049' N	113° 56.027' E	36.13							
9	S	22° 17.063' N	113° 56.062' E	25.69	28.85	29.57	31.38				
10	S	22° 17.090' N	113° 56.057' E	47.06	48.62	48.81	52.88				
11	M	22° 17.089' N	113° 56.044' E	43.43	50.80						
12	M	22° 17.033' N	113° 55.970' E	58.44	58.63	60.47	65.62				
13	M	22° 17.025' N	113° 55.966' E	61.11							

No. of ind. 41

Ind. #: number of Individuals (individuals in a group are shown at the same row)

Sub.: Substratum type; G = Gravel and Boulders, M = Soft mud, S = Sand

Annex II (Cont'd). *Record of horseshoe crab survey in every sampling zone.*

No.	Sub.	GPS coordinate		Record of prosomal width (mm)			
<u>Sampling site TC2 (Search hour = 2 hrs)</u>				<i>Carcinoscorpius rotundicauda</i>			<i>Tachypleus tridentatus</i>
1	M	22° 16.902' N	113° 55.903' E	25.80	28.08	45.72	
2	M	22° 16.905' N	113° 55.868' E	45.20			
No. of ind.				4			0

Ind. #: number of Individuals (individuals in a group are shown at the same row)

Sub.: Substratum type; G = Gravel and Boulders, M = Soft mud, S = Sand

Annex II (Cont'd). Record of horseshoe crab survey in every sampling zone.

No.	Sub.	GPS coordinate		Record of prosomal width (mm)								
Sampling site TC3 (Search hour = 3 hrs)				<i>Carcinoscorpius rotundicauda</i>						<i>Tachypleus tridentatus</i>		
1	S	22° 16.952' N	113° 55.714' E	23.06	20.51	25.78	23.60	23.98	25.97	22.23		
				27.34	21.86	26.27	26.54	24.63	18.53	18.49		
				26.74	25.36	21.91	21.83	24.14	26.42	24.65		
				20.83	19.25	23.57	26.47	27.40				
2	S	22° 16.973' N	113° 55.655' E	28.99	26.47	27.13	28.09	26.49	18.48	29.56		
				21.33	19.96	25.81	28.37	28.61	28.37	27.42		
				26.70	26.91							
3	S	22° 17.014' N	113° 55.640' E	26.57	29.20	27.70	32.22	35.48	28.10	26.76		
				27.70	29.38	28.36	28.61	28.35	28.12	29.63		
				38.06	28.13							
4	M	22° 17.035' N	113° 55.638' E	28.25	53.35							
5	S	22° 17.000' N	113° 55.652' E	28.78	30.23	25.77	19.20	28.10	28.13	27.97		
				41.66								
6	M	22° 17.055' N	113° 55.623' E	43.47	45.34						53.90	
No. of ind.				70							1	

Ind. #: number of Individuals (individuals in a group are shown at the same row)

Sub.: Substratum type; G = Gravel and Boulders, M = Soft mud, S = Sand

Annex II (Cont'd). *Record of horseshoe crab survey in every sampling zone.*

No.	Sub.	GPS coordinate		Record of prosomal width (mm)														
<u>Sampling site ST (Search hour = 3 hrs)</u>				<i>Carcinoscorpius rotundicauda</i>								<i>Tachypleus tridentatus</i>						
1	S	22° 17.375' N	113° 55.477' E	19.96	21.34													
2	S	22° 17.352' N	113° 55.487' E									37.59						
3	S	22° 17.166' N	113° 55.500' E	29.97	42.49	43.93	44.86	49.42	60.01									
4	S	22° 17.156' N	113° 55.493' E	28.89	29.73	30.98	31.30	36.66	38.72	39.79								
5	S	22° 17.175' N	113° 55.480' E	39.99	26.35	36.60	37.71	35.53	38.40	38.18	30.63	39.31	41.37	41.94	52.83	57.61	65.20	
				37.19	39.83	29.75	30.37	37.62	38.30	40.63	70.00							
				42.07	41.78	39.46	28.84	34.94	28.38	28.53								
				39.98														
6	S	22° 17.199' N	113° 55.480' E	39.29	42.08	44.09	39.57	42.38	28.33	41.87								
				36.98	41.16	39.73												
7	S	22° 17.211' N	113° 55.479' E	35.68	36.74	39.25	29.87	29.76	29.24	39.07								
				28.16	38.37	29.44	41.22	43.16	41.66	40.32								

Ind. #: number of Individuals (individuals in a group are shown at the same row)

Sub.: Substratum type; G = Gravel and Boulders, M = Soft mud, S = Sand

Annex II (Cont'd). Record of horseshoe crab survey in every sampling zone.

No.	Sub.	GPS coordinate		Record of prosomal width (mm)							
<u>Sampling site ST</u> (Search hour = 3 hrs)				<i>Carcinoscorpius rotundicauda</i>					<i>Tachypleus tridentatus</i>		
8	S	22° 17.241' N	113° 55.494' E	37.25	29.24	36.98	42.43	28.92	40.09	38.32	
9	M	22° 17.289' N	113° 55.501' E	36.09	41.07	32.72	41.38	36.89			
No. of ind.				81					9		

Ind. #: number of Individuals (individuals in a group are shown at the same row)

Sub.: Substratum type; G = Gravel and Boulders, M = Soft mud, S = Sand

Annex III. Record of seagrass beds survey in every sampling zone

Estimated area (m ²)	Estimated coverage (%)		GPS coordinate		Remark
TC1 (search hour = 2 hrs) & TC2 (search hour = 2 hrs) & TC3 (search hour = 3 hrs)					
No record					
ST (search hour = 3 hrs) <i>Halophila ovalis</i>					
32.0	10-80	Horizontal line	22° 17.193' N	113° 55.474' E	-- A horizontal strand of seagrass bed nearby the seaward side of mangrove area at tidal level 2.0m above C.D.
			22° 17.204' N	113° 55.472' E	
26.3	30	Horizontal line	22° 17.204' N	113° 55.473' E	-- A horizontal strand of two coexisting seagrass species nearby the seaward side of mangrove area at tidal level 2.0m above C.D.
			22° 17.213' N	113° 55.474' E	
17.4	60	Horizontal line	22° 17.213' N	113° 55.473' E	-- A horizontal strand of two coexisting seagrass species nearby the seaward side of mangrove area at tidal level 2.0m above C.D.
			22° 17.219' N	113° 55.470' E	
15.8	80	A single patch	22° 17.221' N	113° 55.475' E	A small patch of seagrass bed at 2.0m above C.D.
ST (search hour = 3 hrs) <i>Zostera japonica</i>					
26.3	20	Horizontal line	22° 17.204' N	113° 55.473' E	-- A horizontal strand of two coexisting seagrass species nearby the seaward side of mangrove area at tidal level 2.0m above C.D.
			22° 17.213' N	113° 55.474' E	
17.4	10	Horizontal line	22° 17.213' N	113° 55.473' E	-- A horizontal strand of two coexisting seagrass species nearby the seaward side of mangrove area at tidal level 2.0m above C.D.
			22° 17.219' N	113° 55.470' E	

Annex IV Taxonomic resolution of every recorded species of intertidal soft shore community survey

Kingdom	Phylum	Class	Order	Family	Species
Animalia	Annelida	Clitellata			Marine oligochaete spp.
Animalia	Annelida	Polychaeta	Eunicida	Lumbrineridae	Lumbrineridae spp.
Animalia	Annelida	Polychaeta	Eunicida	Onuphidae	Onuphidae spp.
Animalia	Annelida	Polychaeta	Phyllodocida	Nereididae	Nereididae spp.
Animalia	Annelida	Polychaeta	Phyllodocida	Polynoidae	Polynoidae spp.
Animalia	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharetidae spp.
Animalia	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinariidae spp.
Animalia	Annelida	Polychaeta		Capitellidae	Capitellidae spp.
Animalia	Annelida	Polychaeta		Maldanidae	<i>Maldanidae</i> spp.
Animalia	Arthropoda	Malacostraca	Decapoda	Diogenidae	<i>Clibanarius</i> sp.
Animalia	Arthropoda	Malacostraca	Decapoda	Grapsidae	<i>Metopograpsus latifrons</i>
Animalia	Arthropoda	Malacostraca	Decapoda	Ocypodidae	<i>Macrophthalmus erato</i>
Animalia	Arthropoda	Malacostraca	Decapoda	Ocypodidae	<i>Uca borealis</i>
Animalia	Arthropoda	Malacostraca	Decapoda	Ocypodidae	<i>Uca lactea</i>
Animalia	Arthropoda	Malacostraca	Decapoda	Ocypodidae	<i>Uca</i> sp.
Animalia	Arthropoda	Malacostraca	Decapoda	Ocypodidae	<i>Uca vocans</i>
Animalia	Arthropoda	Malacostraca	Decapoda	Paguridae	<i>Pagurus dubius</i>
Animalia	Arthropoda	Malacostraca	Decapoda	Penaeidae	<i>Penaeus</i> sp.
Animalia	Arthropoda	Malacostraca	Decapoda	Sesarmidae	<i>Nanosesarma minutum</i>
Animalia	Arthropoda	Malacostraca	Decapoda	Varunidae	<i>Hemigrapsus penicillatus</i>
Animalia	Arthropoda	Malacostraca	Decapoda	Xanthidae	<i>Etisus laevimanus</i>
Animalia	Arthropoda	Maxillopoda	Sessilia	Balanidae	<i>Balanus amphitrite</i>
Animalia	Chordata	Actinopterygii	Perciformes	Gobiidae	<i>Periophthalmus cantonensis</i>
Animalia	Cnidaria	Anthozoa	Actiniaria	Diadumenidae	<i>Diadumene lineata</i>
Animalia	Echiura				Echiura spp.
Animalia	Mollusca	Bivalvia	Anomalodesmata	Laternulidae	<i>Laternula anatina</i>
Animalia	Mollusca	Bivalvia	Arcoida	Arcidae	<i>Barbatia virescens</i>
Animalia	Mollusca	Bivalvia	Euheterodonta	Hiatellidae	<i>Hiatella arctica</i>
Animalia	Mollusca	Bivalvia	Mytiloida	Mytilidae	<i>Xenostrobus atratus</i>
Animalia	Mollusca	Bivalvia	Ostreoida	Ostreidae	<i>Crassostrea ariakensis</i>
Animalia	Mollusca	Bivalvia	Ostreoida	Ostreidae	<i>Saccostrea cucullata</i>
Animalia	Mollusca	Bivalvia	Pterioidea	Pteriidae	<i>Isognomon isognomon</i>
Animalia	Mollusca	Bivalvia	Veneroida	Corbiculidae	<i>Geloina erosa</i>

Annex IV (Cont'd) *Taxonomic resolution of every recorded species of intertidal soft shore community survey*

Kingdom	Phylum	Class	Order	Family	Species
Animalia	Mollusca	Bivalvia	Veneroida	Veneridae	<i>Circe</i> sp.
Animalia	Mollusca	Bivalvia	Veneroida	Veneridae	<i>Cyclina sinesis</i>
Animalia	Mollusca	Bivalvia	Veneroida	Veneridae	<i>Ruditapes philippinarum</i>
Animalia	Mollusca	Gastropoda	Caenogastropoda	Batillariidae	<i>Batillaria bornii</i>
Animalia	Mollusca	Gastropoda	Caenogastropoda	Batillariidae	<i>Batillaria multiformis</i>
Animalia	Mollusca	Gastropoda	Caenogastropoda	Batillariidae	<i>Batillaria zonalis</i>
Animalia	Mollusca	Gastropoda	Caenogastropoda	Potamididae	<i>Cerithidea cingulata</i>
Animalia	Mollusca	Gastropoda	Caenogastropoda	Potamididae	<i>Cerithidea djadjariensis</i>
Animalia	Mollusca	Gastropoda	Caenogastropoda	Potamididae	<i>Cerithidea rhizophorarum</i>
Animalia	Mollusca	Gastropoda	Cycloneritimorpha	Neritidae	<i>Clithon faba</i>
Animalia	Mollusca	Gastropoda	Cycloneritimorpha	Neritidae	<i>Clithon oualaniensis</i>
Animalia	Mollusca	Gastropoda	Cycloneritimorpha	Neritidae	<i>Nerita polita</i>
Animalia	Mollusca	Gastropoda	Littorinimorpha	Littorinidae	<i>Littoraia melanostoma</i>
Animalia	Mollusca	Gastropoda	Littorinimorpha	Littorinidae	<i>Littoraria articulata</i>
Animalia	Mollusca	Gastropoda	Littorinimorpha	Littorinidae	<i>Peasiella</i> spp.
Animalia	Mollusca	Gastropoda	Neogastropoda	Buccinidae	<i>Pisania ignea</i>
Animalia	Mollusca	Gastropoda	Neogastropoda	Muricidae	<i>Thais luteostoma</i>
Animalia	Mollusca	Gastropoda	Neogastropoda	Nassariidae	<i>Nassarius festivus</i>
Animalia	Mollusca	Gastropoda	Neogastropoda	Nassariidae	<i>Nassarius hepaticus</i>
Animalia	Mollusca	Gastropoda		Lottiidae	<i>Nipponacmea concinna</i>
Animalia	Mollusca	Gastropoda		Lottiidae	<i>Patelloida pygmaea</i>
Animalia	Mollusca	Gastropoda		Nacellidae	<i>Cellana toreuma</i>
Animalia	Mollusca	Gastropoda		Trochidae	<i>Euchelus scaber</i>
Animalia	Mollusca	Gastropoda		Trochidae	<i>Monodonta labio</i>
Animalia	Mollusca	Gastropoda		Turbinidae	<i>Lunella coronata</i>
Animalia	Mollusca	Polyplacophora	Chitonida	Ischnochitonidae	<i>Lepidozona</i> sp.
Animalia	Mollusca	Scaphopoda	Dentaliida	Dentaliidae	<i>Dentalium sinuosum</i>
Animalia	Nemertea				Nemertea spp.
Animalia	Platyhelminthes				Platyhelminthes spp.
Animalia	Sipuncula	Sipunculidea	Golfingiida	Sipunculidae	<i>Sipunculus nudus</i>

Annex V List of recorded fauna of intertidal soft shore community survey in every sampling zone

Sep 2015

Sampling zone TC 1

High tidal level (2.0 m above C.D.)

Gp	Taxon	1		2		3		4		5		6		7		8		9		10		sub-total
		Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	
Bi	<i>Barbatia virescens</i>	1																				1
Bi	<i>Saccostrea cucullata</i>	9		5		11		11		5								4				45
C	<i>Nanosesarma minutum</i>					1																1
C	<i>Uca borealis</i>													11		2		2				15
C	<i>Uca lactea</i>									1												1
G	<i>Batillaria multiformis</i>	33		24		8		26		15		2				6		3		19		136
G	<i>Batillaria zonalis</i>	2																				2
G	<i>Cerithidea cingulata</i>	60		20		14		1														95
G	<i>Cerithidea djadjariensis</i>	25		10		71		8												4		118
G	<i>Cerithidea rhizophorarum</i>	3		2		3		2		1						1						12
G	<i>Clithon faba</i>	6		1						1						2						10
G	<i>Littoraria articulata</i>	1						1				3				3		2				10
G	<i>Lunella coronata</i>	1																				1
G	<i>Monodonta labio</i>	8						4		2		2										16
G	<i>Nerita polita</i>			1																		1
Ne	Nemertea spp.									1												1
																					Total	465

Annex V (Cont'd) List of recorded fauna of intertidal soft shore community survey in every sampling zone

Sep 2015 Sampling zone TC 1 Mid tidal level (1.5 m above C.D.)

Gp	Taxon	1		2		3		4		5		6		7		8		9		10		sub-total
		Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	
Bi	<i>Barbatia virescens</i>	1				1												1				3
Bi	<i>Hiatella arctica</i>					1						4		1		1				4		11
Bi	<i>Saccostrea cucullata</i>	22		16		21		16		2		42		6		2		23		31		181
Bi	<i>Xenostrobus atratus</i>					2						7										9
C	<i>Metopograpsus latifrons</i>																			1		1
C	<i>Uca lactea</i>			1																		1
Eh	<i>Echiura</i> spp.							3								1						4
G	<i>Batillaria multiformis</i>	6		5		2		29		9		76		22		3		4		42		198
G	<i>Cellana toreuma</i>							1		1										1		3
G	<i>Cerithidea cingulata</i>	29						5										1		1		36
G	<i>Cerithidea djadjariensis</i>	3		2				8		3								4		4		24
G	<i>Cerithidea rhizophorarum</i>									5								2				7
G	<i>Clithon faba</i>							1										1				2
G	<i>Clithon oualaniensis</i>	1						1												1		3
G	<i>Littoraria articulata</i>					3				1		10		5		7		9		9		44
G	<i>Monodonta labio</i>			1		10		15		5		58		16		7		30		138		280
G	<i>Nassarius festivus</i>							1														1
G	<i>Nipponacmea concinna</i>	1														1						2
G	<i>Patelloida pygmaea</i>							2														2

Annex V (Cont'd) List of recorded fauna of intertidal soft shore community survey in every sampling zone

Sep 2015 Sampling zone TC 1 Mid tidal level (1.5 m above C.D.)

Gp	Taxon	1		2		3		4		5		6		7		8		9		10		sub-total
		Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	
Hc	<i>Pagurus dubius</i>									3												3
Ne	Nemertea spp.			1																		1
P	Nereididae spp.		1																			1
Sp	<i>Sipunculus nudus</i>	1												1								2
																					Total	819

Annex V (Cont'd) List of recorded fauna of intertidal soft shore community survey in every sampling zone

Sep 2015 Sampling zone TC 1 Low tidal level (1.0 m above C.D.)

Gp	Taxon	1		2		3		4		5		6		7		8		9		10		sub-total
		Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	
Bi	<i>Barbatia virescens</i>							1												1		2
Bi	<i>Geloina erosa</i>					1																1
Bi	<i>Hiatella arctica</i>					8		13		11		1		4				1		1		39
Bi	<i>Saccostrea cucullata</i>	2		39		70		38		42		18		36		26		6		25		302
Bi	<i>Xenostrobus atratus</i>					1		9		1												11
C	<i>Hemigrapsus penicillatus</i>					1																1
C	<i>Metopograpsus latifrons</i>									1												1
C	<i>Nanosesarma minutum</i>							1		4												5
C	<i>Uca lactea</i>	6																				6
F	<i>Periopthalmus cantonensis</i>																			1		1
G	<i>Batillaria bornii</i>					3																3
G	<i>Batillaria multiformis</i>									5		15		3		4				3		30
G	<i>Cellana toreuma</i>					1				4		1		4		1		1		2		14
G	<i>Cerithidea cingulata</i>	12	3	43		1						1								2		62
G	<i>Cerithidea djadjariensis</i>	21	7	17		1				1		5						1				53
G	<i>Cerithidea rhizophorarum</i>	1		1								1										3
G	<i>Clithon faba</i>									1										1		2
G	<i>Clithon oualaniensis</i>									1												1
G	<i>Euchelus scaber</i>			1						2						1						4

Annex V (Cont'd) List of recorded fauna of intertidal soft shore community survey in every sampling zone

Sep 2015 Sampling zone TC 1 Low tidal level (1.0 m above C.D.)

Gp	Taxon	1		2		3		4		5		6		7		8		9		10		sub-total
		Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	
G	<i>Littoraria articulata</i>					2																2
G	<i>Lunella coronata</i>			1		7				30		3		3		7				9		60
G	<i>Monodonta labio</i>			2		40		1		150		69		71		118		91		62		604
G	<i>Nerita polita</i>											2		1						1		4
G	<i>Nipponacmea concinna</i>			3		4		4		6		3		6		10		5		7		48
G	<i>Patelloida pygmaea</i>					1				7												8
Po	<i>Lepidozона sp.</i>					3																3
Sp	<i>Sipunculus nudus</i>					6																6
Total																						1276

Annex V (Cont'd) List of recorded fauna of intertidal soft shore community survey in every sampling zone

Sep 2015 Sampling zone TC 2 High tidal level (2.0 m above C.D.)

Gp	Taxon	1		2		3		4		5		6		7		8		9		10		sub-total
		Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	
Ba	<i>Balanus amphitrite</i>													3				2		3		8
Bi	<i>Geloina erosa</i>																	1				1
Bi	<i>Hiatella arctica</i>			1																2		3
Bi	<i>Laternula anatina</i>						1						1									2
Bi	<i>Ruditapes philippinarum</i>																	1		1		2
Bi	<i>Saccostrea cucullata</i>			25				59				3		18		7		30		16		158
Bi	<i>Xenostrobus atratus</i>							1										1				2
C	<i>Nanosesarma minutum</i>											5		1				3				9
C	<i>Uca lactea</i>											1		5		4		4		3		17
G	<i>Batillaria multiformis</i>			1				1		57	3	12		11		3		5		5		98
G	<i>Batillaria zonalis</i>					2				5		9	1	11		11		21		31		91
G	<i>Cerithidea cingulata</i>	11		19		28	1	45		131	4	23	1	24	1	53	2	22		28		393
G	<i>Cerithidea djadjariensis</i>	56		173		143	5	45		206	5	129		100	1	109	5	17		24		1018
G	<i>Cerithidea rhizophorarum</i>	2		8		8		9		6		4		14		14		3		8		76
G	<i>Lunella coronata</i>															1		4		3		8
G	<i>Monodonta labio</i>			3				8		1		1		2		3		3		3		24
G	<i>Nassarius festivus</i>			2		1																3
G	<i>Nerita polita</i>			1																		1
G	<i>Nipponacmea concinna</i>													1		1				1		3

Annex V (Cont'd) *List of recorded fauna of intertidal soft shore community survey in every sampling zone*

Sep 2015

Sampling zone TC 2

High tidal level (2.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		sub-total
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	
P	Maldanidae spp.		3								1									1		5
																					Total	1922

Annex V (Cont'd) List of recorded fauna of intertidal soft shore community survey in every sampling zone

Sep 2015 Sampling zone TC 2 Mid tidal level (1.5 m above C.D.)

Gp	Taxon	1		2		3		4		5		6		7		8		9		10		sub-total
		Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	
Ba	<i>Balanus amphitrite</i>	1														7				2		10
Bi	<i>Barbatia virescens</i>	1				1				2		1				1						6
Bi	<i>Geloina erosa</i>													1								1
Bi	<i>Hiatella arctica</i>					2										1				1		4
Bi	<i>Saccostrea cucullata</i>	50		12		5		5		26		31				35				25		189
Bi	<i>Xenostrobus atratus</i>	2		7		2						2				7						20
C	<i>Hemigrapsus penicillatus</i>					1																1
C	<i>Macrophthalmus erato</i>																1					1
C	<i>Nanosesarma minutum</i>					1						1				2				1		5
C	<i>Uca lactea</i>													1								1
C	<i>Uca sp.</i>															1						1
G	<i>Batillaria bornii</i>					1				3		3				1						8
G	<i>Batillaria multiformis</i>					1						1		1		7		1				11
G	<i>Batillaria zonalis</i>					15		26				15		19		40	3	29		35		182
G	<i>Cellana toreuma</i>									1												1
G	<i>Cerithidea cingulata</i>	1		1		22	1	1				12		1		8	4	8	1			60
G	<i>Cerithidea djadjariensis</i>					21		4		3		10		1		18	6	10		2	2	77
G	<i>Cerithidea rhizophorarum</i>					2										1		2	1			6
G	<i>Littoraria articulata</i>	9		13																		22

Annex V (Cont'd) List of recorded fauna of intertidal soft shore community survey in every sampling zone

Sep 2015 Sampling zone TC 2 Mid tidal level (1.5 m above C.D.)

Gp	Taxon	1		2		3		4		5		6		7		8		9		10		sub-total
		Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	
G	<i>Lunella coronata</i>					4				10		1		1		6						22
G	<i>Monodonta labio</i>	31		23		3				48		1				2	1			2		111
G	<i>Nipponacmea concinna</i>											4				3						7
G	<i>Patelloida pygmaea</i>									2												2
Ne	Nemertea spp.	1																				1
P	Ampharetidae spp.														4				1			5
P	Onuphidae spp.								1													1
Sp	<i>Sipunculus nudus</i>											8							1			9
																					Total	764

Annex V (Cont'd) List of recorded fauna of intertidal soft shore community survey in every sampling zone

Sep 2015 Sampling zone TC 2 Low tidal level (1.0 m above C.D.)

Gp	Taxon	1		2		3		4		5		6		7		8		9		10		sub-total
		Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	
Ba	<i>Balanus amphitrite</i>			3		11		8				23				2						47
Bi	<i>Barbatia virescens</i>											2										2
Bi	<i>Circe</i> sp.				1																	1
Bi	<i>Hiatella arctica</i>											1										1
Bi	<i>Ruditapes philippinarum</i>																			1		1
Bi	<i>Saccostrea cucullata</i>			5		2		5		6		41										59
Bi	<i>Xenostrobus atratus</i>											1										1
C	<i>Macrophthalmus erato</i>						1				1					1						3
C	<i>Nanosesarma minutum</i>											4								1		5
C	<i>Uca lactea</i>																			1		1
G	<i>Batillaria zonalis</i>	1		7		15		5		8		1				16		17		32		102
G	<i>Cerithidea cingulata</i>		1		1			1	1							1		1				6
G	<i>Cerithidea djadjariensis</i>	2		2	1	3	1	1		2		3				2		1		2		20
G	<i>Euchelus scaber</i>									1		3										4
G	<i>Lunella coronata</i>			2		1		2		1		10										16
G	<i>Nassarius festivus</i>					1														1		2
Hc	<i>Clibanarius</i> sp.			1																		1
Ne	Nemertea spp.																				1	1

Annex V (Cont'd) *List of recorded fauna of intertidal soft shore community survey in every sampling zone*

Sep 2015 Sampling zone TC 2 Low tidal level (1.0 m above C.D.)

Gp	Taxon	1		2		3		4		5		6		7		8		9		10		sub-total
		Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	
P	Capitellidae spp.							2														2
P	Lumbrineridae spp.													1								1
P	Maldanidae spp.					1		2		2				1								6
P	Nereididae spp.					2								2						1		5
P	Onuphidae spp.					1		3		1										1		6
P	Pectinariidae spp.							1														1
Po	<i>Lepidozona</i> sp.											2										2
																					Total	296

Annex V (Cont'd) List of recorded fauna of intertidal soft shore community survey in every sampling zone

Sep 2015 Sampling zone TC 3 High tidal level (2.0 m above C.D.)

Gp	Taxon	1		2		3		4		5		6		7		8		9		10		sub-total
		Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	
Bi	<i>Circe</i> sp.							2						1						1		4
Bi	<i>Cyclina sinesis</i>									1												1
Bi	<i>Geloina erosa</i>							1								2		1				4
Bi	<i>Saccostrea cucullata</i>	1				1		2														4
C	<i>Uca lactea</i>	2		4		2						22		33		21		18		21	1	124
C	<i>Uca vocans</i>																		1			1
G	<i>Batillaria multiformis</i>	99	1	71	5	239	13	20		8		8		3		32		60	9	71	1	640
G	<i>Batillaria zonalis</i>					1				1		3										5
G	<i>Cerithidea cingulata</i>	50	6	19	1	21	1	58	1	39		44		15		16		20	1	28		320
G	<i>Cerithidea djarjariensis</i>	81	2	18		25		9		31	1	70		55		118		105	4	123		642
G	<i>Cerithidea rhizophorarum</i>	9		6		1		1		1		4		7		2		5		14		50
G	<i>Clithon oualaniensis</i>											1										1
G	<i>Nassarius festivus</i>							1														1
Hc	<i>Pagurus dubius</i>	1																				1
P	Ampharetidae spp.													5		1				1		7
P	Maldanidae spp.							4		1				2	1	2						10
Total																						1815

Annex V (Cont'd) List of recorded fauna of intertidal soft shore community survey in every sampling zone

Sep 2015 Sampling zone TC 3 Mid tidal level (1.5 m above C.D.)

Gp	Taxon	1		2		3		4		5		6		7		8		9		10		sub-total
		Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	
Bi	<i>Barbatia virescens</i>													1								1
Bi	<i>Geloina erosa</i>									2												2
Bi	<i>Ruditapes philippinarum</i>					1																1
Bi	<i>Saccostrea cucullata</i>			2										13				1		4		20
C	<i>Hemigrapsus penicillatus</i>													1								1
C	<i>Nanosesarma minutum</i>			2										2								4
C	<i>Uca lactea</i>			1	1							9		8		2		1		4		26
G	<i>Batillaria multiformis</i>	51	7	23	1	6		4		3		1		47		39	6	71	30	69		358
G	<i>Batillaria zonalis</i>		1	4		9		8	1	11		1	1									36
G	<i>Cerithidea cingulata</i>	169	4	4		38	1	51		47	2	56	4	59		2		59	1	59		556
G	<i>Cerithidea djadjariensis</i>	45	1	10	1	17	1	35		57	2	31	3	48				56		59		366
G	<i>Cerithidea rhizophorarum</i>	3				5		2		11		5		4				4		5		39
G	<i>Clithon oualaniensis</i>	2																				2
G	<i>Lunella coronata</i>													1						1		2
G	<i>Monodonta labio</i>			4										3				2		1		10
G	<i>Nassarius festivus</i>									1												1
Ol	Marine oligochaete spp.																2					2
P	Ampharetidae spp.		1				5						4									10
P	Maldanidae spp.						2				1											3

Annex V (Cont'd) *List of recorded fauna of intertidal soft shore community survey in every sampling zone*

Sep 2015

Sampling zone TC 3

Mid tidal level (1.5 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		sub-total
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	
P	Onuphidae spp.					1																1
																					Total	1441

Annex V (Cont'd) List of recorded fauna of intertidal soft shore community survey in every sampling zone

Sep 2015 Sampling zone TC 3 Low tidal level (1.0 m above C.D.)

Gp	Taxon	1		2		3		4		5		6		7		8		9		10		sub-total
		Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	
Bi	<i>Barbatia virescens</i>	1		10		1		2		1										2		17
Bi	<i>Hiatella arctica</i>			1						5		1						3		2		12
Bi	<i>Saccostrea cucullata</i>	84		103		19		11				20		22		34		50		23		366
Bi	<i>Xenostrobus atratus</i>	8		16		2		1		56		5		17				4		10		119
C	<i>Etisus laevimanus</i>			1																		1
C	<i>Metopograpsus latifrons</i>	1		1		1				2												5
C	<i>Nanosesarma minutum</i>	1				1				1								1		2		6
Cn	<i>Diadumene lineata</i>													1								1
G	<i>Batillaria multiformis</i>	25		5		5		10		4				4		2				3		58
G	<i>Batillaria zonalis</i>									1												1
G	<i>Cellana toreuma</i>									7								1				8
G	<i>Cerithidea cingulata</i>									4						1		1				6
G	<i>Cerithidea djadjariensis</i>									7												7
G	<i>Cerithidea rhizophorarum</i>									6												6
G	<i>Euchelus scaber</i>									1												1
G	<i>Littoraia melanostoma</i>									1												1
G	<i>Littoraria articulata</i>	6		4		8		4		1		3		12		12		12		8		70
G	<i>Lunella coronata</i>	4		7		3		1		11		1		1		2		6		7		43

Annex V (Cont'd) List of recorded fauna of intertidal soft shore community survey in every sampling zone

Sep 2015 Sampling zone TC 3 Low tidal level (1.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
G	<i>Monodonta labio</i>	37		59		40		53		17		48		55		34		95		54		492
G	<i>Nassarius festivus</i>																	1				1
G	<i>Nerita polita</i>							1		1		1		1				1		2		7
G	<i>Nipponacmea concinna</i>			1						4				1		1		3		4		14
P	Nereididae spp.													1								1
P	Polynoidae spp.			1																		1
Po	<i>Lepidozona</i> sp.									1										1		2
Sp	<i>Sipunculus nudus</i>			4																		4
Total																						1250

Annex V (Cont'd) List of recorded fauna of intertidal soft shore community survey in every sampling zone

Sep 2015 Sampling zone ST High tidal level (2.0 m above C.D.)

Gp	Taxon	1		2		3		4		5		6		7		8		9		10		sub-total
		Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	
Ba	<i>Balanus amphitrite</i>													1								1
Bi	<i>Barbatia virescens</i>															1		2				3
Bi	<i>Hiatella arctica</i>											1								1		2
Bi	<i>Saccostrea cucullata</i>	2		23		5		18		14		18		27		20		23		51		201
Bi	<i>Xenostrobus atratus</i>			3				1						1						3		8
C	<i>Hemigrapsus penicillatus</i>	5		6				3												2		16
C	<i>Macrophthalmus erato</i>			2																		2
C	<i>Metopograpsus latifrons</i>					1																1
C	<i>Nanosesarma minutum</i>																	1		1		2
Cn	<i>Diadumene lineata</i>			3		1		2												3		9
F	<i>Periopthalmus cantonensis</i>	1																				1
G	<i>Batillaria bornii</i>									1		7		1				2				11
G	<i>Batillaria multiformis</i>	13		19		10		23		24		25		13		39		15		9		190
G	<i>Cellana toreuma</i>					1		1		5								1		11		19
G	<i>Cerithidea cingulata</i>									4												4
G	<i>Cerithidea djadjariensis</i>	1																				1
G	<i>Clithon faba</i>					3		4												1		8
G	<i>Clithon oualaniensis</i>	1		4						2		3		1				2				13
G	<i>Euchelus scaber</i>															1						1

Annex V (Cont'd) List of recorded fauna of intertidal soft shore community survey in every sampling zone

Sep 2015 Sampling zone ST High tidal level (2.0 m above C.D.)

Gp	Taxon	1		2		3		4		5		6		7		8		9		10		sub-total
		Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	
G	<i>Littoraria articulata</i>	7		2		6		19		1				2		1						38
G	<i>Lunella coronata</i>									14		5		4				2		16		41
G	<i>Monodonta labio</i>	38		27		11		31		42		18		18		15		21		105		326
G	<i>Nerita polita</i>					4		2				3		1				1		1		12
G	<i>Nipponacmea concinna</i>									1				3				2		2		8
G	<i>Patelloida pygmaea</i>							1				4				5				5		15
Hc	<i>Pagurus dubius</i>									9												9
Ne	Nemertea spp.															1		1				2
P	Nereididae spp.							1														1
Pl	Platyhelminthes spp.									1												1
S	<i>Penaeus</i> sp.																	1				1
Sp	<i>Sipunculus nudus</i>													1								1
																					Total	948

Annex V (Cont'd) List of recorded fauna of intertidal soft shore community survey in every sampling zone

Sep 2015 Sampling zone ST Mid tidal level (1.5 m above C.D.)

Gp	Taxon	1		2		3		4		5		6		7		8		9		10		sub-total
		Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	
Ba	<i>Balanus amphitrite</i>			1																1		2
Bi	<i>Barbatia virescens</i>									1		1						1				3
Bi	<i>Circe</i> sp.								3													3
Bi	<i>Hiatella arctica</i>	2								2				5				8		1		18
Bi	<i>Saccostrea cucullata</i>	31		4		17				13		46		22		15		38		42		228
Bi	<i>Xenostrobus atratus</i>	1		1																		2
C	<i>Hemigrapsus penicillatus</i>	1		1														1		1		4
C	<i>Nanosesarma minutum</i>	2				1						1						1		4		9
Cn	<i>Diadumene lineata</i>	1		1																1		3
F	<i>Periopthalmus cantonensis</i>			1																		1
G	<i>Batillaria bornii</i>	1										2				2		1				6
G	<i>Batillaria multiformis</i>	13		1						4		5		1		7		2		2		35
G	<i>Batillaria zonalis</i>					2		13														15
G	<i>Cellana toreuma</i>	1		9		1				9		7		1		6		3		14		51
G	<i>Cerithidea cingulata</i>			2		7			2	6				1						1		19
G	<i>Cerithidea djadjariensis</i>			4		17				1												22
G	<i>Cerithidea rhizophorarum</i>			1		2								1								4
G	<i>Clithon faba</i>															1						1
G	<i>Euchelus scaber</i>									1		1		1		3		2				8

Annex V (Cont'd) List of recorded fauna of intertidal soft shore community survey in every sampling zone

Sep 2015 Sampling zone ST Mid tidal level (1.5 m above C.D.)

Gp	Taxon	1		2		3		4		5		6		7		8		9		10		sub-total
		Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	
G	<i>Littoraria articulata</i>																	1				1
G	<i>Lunella coronata</i>	12		13		8				15		14		17		21		13				113
G	<i>Monodonta labio</i>	73		19		1				11		37		54		43		84		40		362
G	<i>Nerita polita</i>											2						1				3
G	<i>Nipponacmea concinna</i>	5				1				1				2				7				16
G	<i>Patelloida pygmaea</i>			3						2		1				5		1		10		22
G	<i>Peasiella</i> spp.	1																				1
Hc	<i>Pagurus dubius</i>													1		3						4
Ne	Nemertea spp.	1				1												1				3
P	Nereididae spp.								1													1
Pl	Platyhelminthes spp.																	1				1
Po	<i>Lepidozona</i> sp.	1				1								1		1						4
																					Total	965

Annex V (Cont'd) List of recorded fauna of intertidal soft shore community survey in every sampling zone

Sep 2015 Sampling zone ST Low tidal level (1.0 m above C.D.)

Gp	Taxon	1		2		3		4		5		6		7		8		9		10		sub-total
		Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	
Ba	<i>Balanus amphitrite</i>															2						2
Bi	<i>Barbatia virescens</i>	3		2								2				14		8		3		32
Bi	<i>Circe</i> sp.												1		2		4					7
Bi	<i>Crassostrea ariakensis</i>																	1				1
Bi	<i>Hiatella arctica</i>	3		1								1				8				4		17
Bi	<i>Isognomon isognomon</i>															2						2
Bi	<i>Ruditapes philippinarum</i>																			1		1
Bi	<i>Saccostrea cucullata</i>	45		2								16				49		47		18		177
Bi	<i>Xenostrobus atratus</i>	7																				7
C	<i>Hemigrapsus penicillatus</i>																			1		1
C	<i>Metopograpsus latifrons</i>															1						1
C	<i>Nanosesarma minutum</i>	5										2				4		1		1		13
G	<i>Batillaria bornii</i>	2																		1		3
G	<i>Batillaria multiflora</i>									1				1		1						3
G	<i>Batillaria zonalis</i>			4		5		12		3				1		9						34
G	<i>Cellana toreuma</i>	1																				1
G	<i>Cerithidea cingulata</i>	1					1								1	1						4
G	<i>Cerithidea djadjariensis</i>											1					1					2
G	<i>Euchelus scaber</i>	1		12												44		7		12		76

Annex V (Cont'd) List of recorded fauna of intertidal soft shore community survey in every sampling zone

Sep 2015 Sampling zone ST Low tidal level (1.0 m above C.D.)

Gp	Taxon	1		2		3		4		5		6		7		8		9		10		sub-total
		Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	
G	<i>Lunella coronata</i>	16		24								4				18		10		30		102
G	<i>Monodonta labio</i>	19																1		4		24
G	<i>Nassarius festivus</i>							2						1								3
G	<i>Nassarius hepaticus</i>							2														2
G	<i>Nerita polita</i>															5						5
G	<i>Nipponacmea concinna</i>	6																				6
G	<i>Patelloida pygmaea</i>																			2		2
G	<i>Pisania ignea</i>															1						1
G	<i>Thais luteostoma</i>																			1		1
Hc	<i>Pagurus dubius</i>															1						1
P	Onuphidae spp.																	1				1
Po	<i>Lepidozona</i> sp.	2		1												1		1		1		6
Sc	<i>Dentalium sinuosum</i>					1												1				2
Sp	<i>Sipunculus nudus</i>																			1		1
																					Total	541

Key for faunal groups:

Ba: Barnacle, Bi: Bivalve, C: Crab, Cn: Cnidarin, Eh: Echiuran, F: Fish, G: Gastropod, Hc: Hermit crab, Ne: Nemertean, Ol: Oligochaete, P: Polychaete, Pl: Platyhelminthes, Po: Polyplacophores, S: Shrimp, Sc: Scaphopods, Sp: Sipunculan