



ANNEX J2

MONITORING RESULTS

Table J2.1 Results for Horseshoe Crabs during Qualitative Walk-through Surveys in June 2024

Sighting #	Species	Prosomal Width (cm)	Total Length (cm)
Monitoring Date: 4 and 21 June 2024			
Monitoring Station: TCB3			
1	<i>Tachypleus tridentatus</i>	1.4	2.6
2	<i>Tachypleus tridentatus</i>	1.9	2.4
3	<i>Tachypleus tridentatus</i>	1.6	2.7
4	<i>Tachypleus tridentatus</i>	1.4	2.2
5	<i>Tachypleus tridentatus</i>	1.1	1.6
6	<i>Tachypleus tridentatus</i>	1.1	1.8
7	<i>Tachypleus tridentatus</i>	1.1	1.6
8	<i>Tachypleus tridentatus</i>	1.7	2.8
9	<i>Tachypleus tridentatus</i>	1.1	1.9
10	<i>Tachypleus tridentatus</i>	1.5	2.2
11	<i>Tachypleus tridentatus</i>	1.7	2.8
12	<i>Tachypleus tridentatus</i>	1.1	1.7
13	<i>Tachypleus tridentatus</i>	2.2	2.7
14	<i>Tachypleus tridentatus</i>	1.1	1.6
15	<i>Tachypleus tridentatus</i>	1.9	3.5
16	<i>Tachypleus tridentatus</i>	1.1	1.7
17	Unidentified (a)	0.7	1.0
18	<i>Tachypleus tridentatus</i>	1.1	1.7
19	<i>Tachypleus tridentatus</i>	1.0	1.5
20	<i>Tachypleus tridentatus</i>	1.6	2.7
21	<i>Tachypleus tridentatus</i>	1.6	2.7
Mean (Range)		1.4 (0.7 – 2.2)	2.2 (1.0 – 3.5)
Monitoring Date: 5 June 2024			
Monitoring Station: TCB2			
1	<i>Tachypleus tridentatus</i>	1.5	2.2
2	<i>Tachypleus tridentatus</i>	1.5	2.6
Mean (Range)		1.5 (1.5 – 1.5)	2.4 (2.2 – 2.6)
Monitoring Date: 20 June 2024			
Monitoring Station: THW			
1	<i>Tachypleus tridentatus</i>	1.6	2.5
2	<i>Tachypleus tridentatus</i>	1.5	2.7
3	<i>Tachypleus tridentatus</i>	1.5	2.6
4	<i>Tachypleus tridentatus</i>	1.6	3.0
5	<i>Tachypleus tridentatus</i>	0.9	1.2
6	<i>Tachypleus tridentatus</i>	1.5	2.6
7	<i>Tachypleus tridentatus</i>	1.6	2.6
8	<i>Tachypleus tridentatus</i>	1.5	2.5
9	<i>Tachypleus tridentatus</i>	1.6	2.7
10	<i>Tachypleus tridentatus</i>	1.6	2.6
11	<i>Tachypleus tridentatus</i>	1.6	2.7
12	<i>Tachypleus tridentatus</i>	1.6	2.8
13	<i>Tachypleus tridentatus</i>	2.0	3.0
14	<i>Tachypleus tridentatus</i>	1.5	2.6
15	<i>Tachypleus tridentatus</i>	2.0	3.9
16	<i>Tachypleus tridentatus</i>	2.1	4.0
17	<i>Tachypleus tridentatus</i>	1.5	2.6
18	<i>Tachypleus tridentatus</i>	1.5	2.7
19	<i>Tachypleus tridentatus</i>	2.0	3.7
20	<i>Tachypleus tridentatus</i>	1.6	2.4
21	<i>Tachypleus tridentatus</i>	1.4	2.5
22	<i>Tachypleus tridentatus</i>	1.6	1.8
23	<i>Tachypleus tridentatus</i>	1.1	1.8
24	<i>Tachypleus tridentatus</i>	1.9	3.6

25	<i>Tachypleus tridentatus</i>	1.0	1.3
26	<i>Tachypleus tridentatus</i>	1.0	1.3
27	<i>Tachypleus tridentatus</i>	1.3	1.5
28	<i>Tachypleus tridentatus</i>	1.1	1.4
29	<i>Tachypleus tridentatus</i>	1.2	1.9
30	<i>Tachypleus tridentatus</i>	1.6	2.7
31	<i>Tachypleus tridentatus</i>	1.1	1.7
32	<i>Tachypleus tridentatus</i>	1.6	2.7
33	<i>Tachypleus tridentatus</i>	1.1	1.7
34	<i>Tachypleus tridentatus</i>	1.5	2.5
35	<i>Tachypleus tridentatus</i>	1.4	2.4
36	<i>Tachypleus tridentatus</i>	1.5	2.5
37	<i>Tachypleus tridentatus</i>	1.6	2.6
38	<i>Tachypleus tridentatus</i>	1.6	2.5
39	<i>Tachypleus tridentatus</i>	1.5	2.7
40	<i>Tachypleus tridentatus</i>	2.3	4.1
41	<i>Tachypleus tridentatus</i>	1.7	2.8
42	<i>Tachypleus tridentatus</i>	1.5	2.6
43	<i>Tachypleus tridentatus</i>	1.6	2.6
44	<i>Tachypleus tridentatus</i>	1.6	2.7
45	<i>Tachypleus tridentatus</i>	1.5	2.5
46	<i>Tachypleus tridentatus</i>	1.6	2.6
47	<i>Tachypleus tridentatus</i>	1.6	2.7
48	<i>Tachypleus tridentatus</i>	1.1	1.7
49	<i>Tachypleus tridentatus</i>	1.7	2.6
50	<i>Tachypleus tridentatus</i>	2.0	4.0
51	<i>Tachypleus tridentatus</i>	1.6	2.7
52	<i>Tachypleus tridentatus</i>	1.7	2.8
Mean (Range)		1.5 (0.9 – 2.3)	2.6 (1.2 – 4.1)

Monitoring Date: 21 June 2024

Monitoring Station: TCB1

1	<i>Carcinoscorpius rotundicauda</i>	17.0	37.0
2	<i>Carcinoscorpius rotundicauda</i>	14.0	30.5
3	<i>Tachypleus tridentatus</i>	1.5	2.6
4	<i>Carcinoscorpius rotundicauda</i>	15.0	28.5
5	<i>Tachypleus tridentatus</i>	1.4	2.1
6	<i>Tachypleus tridentatus</i>	1.7	2.6
7	<i>Tachypleus tridentatus</i>	1.6	2.7
8	<i>Tachypleus tridentatus</i>	1.4	2.4
9	<i>Tachypleus tridentatus</i>	1.7	2.8
10	<i>Tachypleus tridentatus</i>	1.5	2.5
Mean (Range)		5.7 (1.4 – 17.0)	11.4 (2.1 – 37.0)

Note:

- a) One (1) horseshoe crab at TCB3 was recorded with prosomal width of 0.7 cm and total length of 1.0 cm. This individual was considered to be too small for species identification by the naked eye and was recorded as unidentified species.

Table J2.2 Results for Seagrass during Qualitative Walk-through Surveys in June 2024

Sighting #	Species	Area (m ²)	Area Coverage (%)	Seagrass Area (m ²)
Monitoring Date: 20 June 2024				
Monitoring Station: TCB3				
1	<i>Halophila ovalis</i>	6.0	40%	2.4
2	<i>Halophila ovalis</i>	25.0	30%	7.5
3	<i>Halophila ovalis</i>	150.0	60%	90.0
4	<i>Halophila ovalis</i>	20.0	70%	14.0

Table J2.3 Results for Other Intertidal Soft Shore Communities during Qualitative Walk-through Surveys in June 2024

Monitoring Station	Shore Height *	No. of Species
TCB1	H	25
	M	27
	L	16
	Overall	36
TCB2	H	20
	M	25
	L	19
	Overall	34
TCB3	H	21
	M	27
	L	20
	Overall	34
THW	H	19
	M	19
	L	17
	Overall	32

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

Table J2.4 Results for Other Intertidal Soft Shore Communities during Quantitative Transect Surveys in June 2024

Monitoring Station	Shore Height *	Top Three Dominant Species	Density (ind. / m ²)
TCB1	H	1 <i>Cerithidea diadjariensis</i>	244.8
		2 <i>Batillaria multiformis</i>	86.4
		3 <i>Cerithidea cingulata</i>	82.4
	M	1 <i>Cerithidea diadjariensis</i>	80.8
		2 <i>Batillaria multiformis</i>	64.8
		3 <i>Batillaria zonalis</i>	46.4
	L	1 <i>Batillaria multiformis</i>	8.8
		2 <i>Batillaria zonalis</i>	6.4
		3 <i>Monodonta labio</i>	2.4
TCB2	H	1 <i>Cerithidea diadjariensis</i>	108.8
		2 <i>Batillaria zonalis</i>	17.6
		3 <i>Cerithidea cingulata</i>	3.2
	M	1 <i>Cerithidea diadjariensis</i>	382.4
		2 <i>Cerithidea cingulata</i>	92.0
		3 <i>Batillaria zonalis</i>	65.6
	L	1 <i>Cerithidea diadjariensis</i>	121.6
		2 <i>Cerithidea cingulata</i>	26.4
		3 <i>Batillaria zonalis</i>	8.8
TCB3	H	1 <i>Batillaria zonalis</i>	1642.4
		2 <i>Batillaria multiformis</i>	878.4
		3 <i>Cerithidea diadjariensis</i>	367.2
	M	1 <i>Batillaria zonalis</i>	164.8
		2 <i>Batillaria multiformis</i>	136.8
		3 <i>Cerithidea diadjariensis</i>	129.6
	L	1 <i>Cerithidea diadjariensis</i>	29.6
		2 <i>Batillaria zonalis</i>	12.8
		3 <i>Batillaria multiformis</i>	6.4
THW	H	1 <i>Cerithidea diadjariensis</i>	128.0
		2 <i>Geloina erosa</i>	39.2
		3 <i>Cerithidea cingulata</i>	37.6
	M	1 <i>Cerithidea diadjariensis</i>	357.6
		2 <i>Cerithidea cingulata</i>	47.2
		3 <i>Batillaria zonalis</i>	44.0
	L	1 <i>Cerithidea diadjariensis</i>	210.4
		2 <i>Nassarius festivus</i>	111.2
		3 <i>Batillaria zonalis</i>	24.0

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

