

Appendix D5.1_Abundance of Aquatic Invertebrate Species Recorded (Eastern Tributary)

Notes:

- 1 This table shows the abundance record of each species at the corresponding monitoring stations and survey methods.
- 2 Each row indicates one time of record out of 12 times of survey for RP stations and 6 times of survey for PW stations.
- 3 If no data is shown under a monitoring station, the species was not encountered at that station during the monitoring period.

	Monitoring Stations																					
	River Park Study Area										Public Works Study Area											
	RP1			RP2			RP3			RP4			PW1			PW2			PW3			
Species Name	O	C	K	O	C	K	O	C	K	O	C	K	O	C	K	O	C	K	O	C	K	
<i>Caridina cantonensis</i>	+++		13	+++		22				++		10	++		8							
	+++		5	++		6				++			++									
			2			13						5			2							
	+		2	+																		
	++		5			5																
			13			6																
			15			50																
			12			4																
	+++		20																			
		30																				
+++		12																				
<i>Macrobrachium sp.</i>	+		3	+						+					1	+		2				
	+			+								1			3	+						
	+					1				+												
			1	+						+												
			2							+												
+		1							+													
<i>Amphipoda</i>																						+
<i>Varuna litterata</i>							+			+		1										+
										+												2
<i>Eriocheir japonica</i>	+						+			+			+									
	+						+						+									
<i>Parasesarma bidens</i>																						++
																						+
<i>Portunus sp.</i>																						+
																						+
<i>Clithon retropictus</i>									4			8						56				
							+++		25	+								56				
							++					6				++						
									6	++								6				
									6													
<i>Radix plicatulus</i>									2			3										
<i>Tarebia granifera</i>									10	+++								3				
									6	++						+++		50				
									15	++		2			+++		30					
										++												
												12										
										+++												
												10										
											30											
									+++	25	50											
									++		4											
<i>Heliocypha perforata</i>	+																					
<i>Neurobasis chinensis</i>						3						1										
<i>Zygonyx iris</i> ⁽¹⁾			1			2			1			1				++		1				
						1			3									18				
																		6				
																		18				
<i>Ephemeroptera sp.</i>																		2				
																		5				

Sampling Method: O = Direct Observation, C = Baited Fish Cage, K = Kick Sampling

Relative Abundance: +: Uncommon, ++: Common, +++: Abundant

Note (1): *Zygonyx iris* is considered as species of conservation importance (Fellowes, 2002)

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Species Name	Monitoring Stations											
	River Park Study Area									Public Works Study Area		
	RP1			RP2			RP3			RP4		
	O	C	K	O	C	K	O	C	K	O	C	K
<i>Orthetrum sp.</i>			1			2			2	+		
						2			2			3
									1			1
									2			5
										+		5
<i>Ptilomera tigrina</i>	+			+						+		
	+			+						+		
	+			+								
	+											
	++											
	+											
	+											
<i>Rhagovelia sp.</i>	++			++						++		
									+			
<i>Chironomidae sp.</i>									4			6
												10
												16
												3
												30
<i>Tipulidae sp.</i>												2
<i>Hydrachnidae sp.</i>	+++			+++						+++		
	++											

Sampling Method: O = Direct Observation, C = Baited Fish Cage, K = Kick Sampling

Relative Abundance: +: Uncommon, ++: Common, +++: Abundant