

## Appendix I4 Monthly Monitoring Data of Stream Fauna (Aquatic invertebrate) in the Reporting Period

Relative abundance: +: Uncommon, ++: Common, +++: Abundant

Date	Sampling Point	Method	Scientific Name	Common Name	Chinese Name	Abundance	Relative Abundance
Aug/22	RP1	Kick	<i>Baetidae</i>	Small Minnow Mayfly	四節蜉科	4	
Aug/22	RP1	Kick	<i>Hydropsychidae</i>	Caddisfly (Larva)	石蛾 (稚蟲)	2	
Aug/22	RP1	Kick	<i>Palaemonidae</i>	-	長臂蝦科	1	
Aug/22	RP1	Kick	<i>Caridina cantonensis</i>	Freshwater Shrimp	廣東米蝦	2	
Aug/22	RP1	Kick	<i>Rhagovelia sp.</i>	Smaller Water Strider	水黽	1	
Aug/22	RP1	Observe	<i>Caridina cantonensis</i>	Freshwater Shrimp	廣東米蝦		++
Aug/22	PW1	Kick	<i>Baetidae</i>	Small Minnow Mayfly	四節蜉科	4	
Aug/22	PW1	Kick	<i>Hydropsychidae</i>	Caddisfly (Larva)	石蛾 (稚蟲)	1	
Aug/22	PW1	Kick	<i>Palaemonidae</i>	-	長臂蝦科	1	
Aug/22	PW1	Cage	<i>Macrobrachium formosense</i>	Crane River Prawn	台灣沼蝦	2	
Aug/22	PW2	Kick	<i>Rhagovelia sp.</i>	Smaller Water Strider	水黽	3	
Aug/22	PW2	Kick	<i>Baetidae</i>	Small Minnow Mayfly	四節蜉科	50+	
Aug/22	PW2	Kick	<i>Zygonyx iris</i> *	Emerald Cascader (Larva)	彩虹蜉 (稚蟲)	4	
Aug/22	RP3	Kick	<i>Caridina cantonensis</i>	Freshwater Shrimp	廣東米蝦	6	
Aug/22	RP3	Kick	<i>Palaemonidae</i>	-	長臂蝦科	2	
Aug/22	RP3	Kick	<i>Rhagovelia sp.</i>	Smaller Water Strider	水黽	3	
Aug/22	RP3	Kick	<i>Baetidae</i>	Small Minnow Mayfly	四節蜉科	50+	
Aug/22	RP2	Observe	<i>Ptilomera tigrina</i>	Water Strider	虎紋毛足潤電蟻		+
Aug/22	RP2	Kick	<i>Euphaea decorata</i>	Black-banded Gossamerwing (Larva)	方帶溪蟴 (稚蟲)	1	
Aug/22	RP2	Kick	<i>Baetidae</i>	Small Minnow Mayfly	四節蜉科	8	
Aug/22	RP2	Kick	<i>Hydropsychidae</i>	Caddisfly (Larva)	石蛾 (稚蟲)	2	
Aug/22	RP4	Kick	<i>Palaemonidae</i>	-	長臂蝦科	1	
Aug/22	RP4	Kick	<i>Hydropsychidae</i>	Caddisfly (Larva)	石蛾 (稚蟲)	1	
Aug/22	RP4	Kick	<i>Baetidae</i>	Small Minnow Mayfly	四節蜉科	50+	
Aug/22	RP4	Observe	<i>Ptilomera tigrina</i>	Water Strider	虎紋毛足潤電蟻		+
Aug/22	PW3	Kick	<i>Amphipoda</i>	Scud	端足類	11	
Aug/22	PW3	Observe	<i>Rhagovelia sp.</i>	Smaller Water Strider	水黽		+
Aug/22	PW3	Kick	<i>Palaemonidae</i>	-	長臂蝦科	1	

\* *Zygonyx iris* is considered as species of conservation importance (Fellowes, 2002)