

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-24	RP1	Kick	<i>Leptophlebiidae</i>	Prong-gilled Mayfly	-	3	
Aug-24	RP1	Kick	<i>Elmidae</i>	Riffle Beetle Larva	長角泥蟲科	2	
Aug-24	RP1	Kick	<i>Hydropsychidae</i>	Caddisfly	石蛾	2	
Aug-24	RP1	Kick	<i>Philopotamidae</i>	Caddisfly	石蛾	1	
Aug-24	RP1	Kick	<i>Perlidae</i>	Common Stonefly	襉科	1	
Aug-24	RP1	Kick	<i>Melligomphus guangdongensis</i> *	Guangdong Hooktail	廣東彎尾春蜓	1	
Aug-24	RP1	Observe	<i>Macrobrachium sp.</i>	Freshwater Prawn	沼蝦屬		+
Aug-24	PW1	Observe	<i>Ptilomera tigrina</i>	Water Strider	虎紋毛足澗黽蝽		++
Aug-24	PW1	Kick	<i>Philopotamidae</i>	Caddisfly	石蛾	1	
Aug-24	PW1	Kick	<i>Leptophlebiidae</i>	Prong-gilled Mayfly	-	5	
Aug-24	RP2	Kick	<i>Baetidae</i>	Small Minnow Mayfly	四節蜉科	6	
Aug-24	RP2	Kick	<i>Hydropsychidae</i>	Caddisfly	石蛾	1	
Aug-24	RP2	Active search	<i>Heptageniidae</i>	-	扁蜉科	2	
Aug-24	RP2	Kick	<i>Elmidae</i>	Riffle Beetle Larva	長角泥蟲科	1	
Aug-24	RP2	Active search	<i>Baetidae</i>	Small Minnow Mayfly	四節蜉科	1	
Aug-24	RP4	Kick	<i>Baetidae</i>	Small Minnow Mayfly	四節蜉科	30	
Aug-24	RP4	Kick	<i>Prodasineura autumnalis</i>	Black Threadtail	烏微橋原總(稚蟲)	1	
Aug-24	RP4	Observe	<i>Macrobrachium sp.</i>	Freshwater Prawn	沼蝦屬		+
Aug-24	RP4	Active search	<i>Baetidae</i>	Small Minnow Mayfly	四節蜉科	6	
Aug-24	RP4	Active search	<i>Physella acuta</i>	European Physa	尖膀胱螺	1	
Aug-24	RP4	Kick	<i>Veliidae</i>	Small Water Strider	寬肩蝽科	1	
Aug-24	PW3	Active search	<i>Amphipoda</i>	Scud	端足類	1	
Aug-24	PW3	Active search	<i>Cerithidea moerchii</i>	-	莫氏擬蟹守螺	1	

* *Melligomphus guangdongensis* is considered as species of conservation importance (Fellowes, 2002 & IUCN, 2024)