

Appendix D3.2_Cumulative Aquatic Fauna Data (Aquatic Invertebrate) (Western Tributary)

Date	Sampling Point	Method	Scientific Name	Chinese Name	Abundance	Relative Abundance
May/23	PW4	Kick	<i>Baetidae sp.</i>	四節蜉科	3	
May/23	PW4	Observe	<i>Ptilomera tigrina</i>	虎紋毛足澗黽蝽		+
May/23	PW4	Observe	<i>Rhagovelia sp.</i>	水黽		++
May/23	PW5	Kick	<i>Baetidae sp.</i>	四節蜉科	1	
May/23	PW6	Observe	<i>Melanoides tuberculata</i>	瘤擬黑螺		+
May/23	PW6	Observe	<i>Tarebia granifera</i>	斜粒粒蝽		+++
May/23	PW6	Kick	<i>Eriocheir japonica</i>	日本絨螯蟹	2	
May/23	PW6	Observe	<i>Eriocheir japonica</i>	日本絨螯蟹		++
May/23	PW6	Kick	<i>Baetidae sp.</i>	四節蜉科	2	
May/23	PW6	Observe	<i>Ptilomera tigrina</i>	虎紋毛足澗黽蝽		+
Jul/23	PW4	Kick	<i>Caenidae sp.</i>	細蜉科	1	
Jul/23	PW4	Kick	<i>Ptilomera tigrina</i>	虎紋毛足澗黽蝽	1	
Jul/23	PW4	Kick	<i>Chironomidae sp.</i>	搖蚊幼蟲	1	
Jul/23	PW5	Kick	<i>Baetidae sp.</i>	四節蜉科	1	
Jul/23	PW5	Kick	<i>Philopotamidae sp.</i>	石蛾	1	
Jul/23	PW5	Kick	<i>Euphaea decorata</i>	方帶溪蟴 (稚蟲)	1	
Jul/23	PW5	Kick	<i>Caenidae sp.</i>	細蜉科	1	
Jul/23	PW5	Kick	<i>Chironomidae sp.</i>	搖蚊幼蟲	1	
Jul/23	PW6	Observe	<i>Rhagovelia sp.</i>	水黽		++
Jul/23	PW6	Observe	<i>Melanoides tuberculata</i>	瘤擬黑螺		+++
Jul/23	PW6	Observe	<i>Macrobrachium sp.</i>	沼蝦屬		+
Jul/23	PW6	Observe	<i>Caridina cantonensis</i>	廣東米蝦		+
Jul/23	PW6	Kick	<i>Baetidae sp.</i>	四節蜉科	1	
Jul/23	PW6	Kick	<i>Baetidae sp.</i>	四節蜉科	1	
Jul/23	PW6	Observe	<i>Clithon retropictus</i>	轉色彩螺		+
Sep/23	PW4	Kick	<i>Corixidae sp.</i>	划蝽	3	
Sep/23	PW4	Kick	<i>Leptophlebiidae sp.</i>	-	2	
Sep/23	PW4	Kick	<i>Perlidae sp.</i>	石蠅	2	
Sep/23	PW4	Cage	<i>Macrobrachium sp.</i>	沼蝦屬	1	
Sep/23	PW4	Observe	<i>Ptilomera tigrina</i>	虎紋毛足澗黽蝽		+
Sep/23	PW4	Kick	<i>Chironomidae sp.</i>	搖蚊幼蟲	1	
Sep/23	PW5	Kick	<i>Leptoceridae sp.</i>	石蛾	1	
Sep/23	PW5	Kick	<i>Euphaea decorata</i>	方帶溪蟴 (稚蟲)	1	
Sep/23	PW5	Kick	<i>Leptophlebiidae sp.</i>	-	1	
Sep/23	PW5	Kick	<i>Zygonyx iris*</i>	彩虹蜻 (稚蟲)	1	
Sep/23	PW5	Kick	<i>Tipulidae sp.</i>	大蚊幼蟲	1	
Sep/23	PW6	Observe	<i>Caridina cantonensis</i>	廣東米蝦		+
Sep/23	PW6	Kick	<i>Leptophlebiidae sp.</i>	-	2	
Sep/23	PW6	Observe	<i>Melanoides tuberculata</i>	瘤擬黑螺		+
Sep/23	PW6	Kick	<i>Hydropsychidae sp.</i>	石蛾	1	
Sep/23	PW6	Kick	<i>Heptageniidae sp.</i>	扁蜉科	1	
Sep/23	PW6	Observe	<i>Ptilomera tigrina</i>	虎紋毛足澗黽蝽		+

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

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

Appendix D3.2_Cumulative Aquatic Fauna Data (Aquatic Invertebrate) (Western Tributary)

Date	Sampling Point	Method	Scientific Name	Chinese Name	Abundance	Relative Abundance
Nov/23	PW6	Observe	<i>Metrocoris lituratus</i>	偽齒澗黽蟻		++
Nov/23	PW6	Observe	<i>Ptilomera tigrina</i>	虎紋毛足澗黽蟻		+
Nov/23	PW6	Observe	<i>Eriocheir japonica</i>	日本絨螯蟹		+
Nov/23	PW6	Kick	<i>Chironomidae sp.</i>	搖蚊幼蟲	1	
Nov/23	PW5	Kick	<i>Rhagovelia sp.</i>	水黽	1	
Nov/23	PW5	Kick	<i>Leptophlebiidae sp.</i>	-	3	
Nov/23	PW5	Kick	<i>Baetidae sp.</i>	四節蜉科	1	
Nov/23	PW5	Kick	<i>Rhyacophilidae sp.</i>	流石蛾	1	
Nov/23	PW5	Kick	<i>Chironomidae sp.</i>	搖蚊幼蟲	2	
Nov/23	PW4	Kick	<i>Heptageniidae sp.</i>	扁蜉科	1	
Nov/23	PW4	Kick	<i>Caridina cantonensis</i>	廣東米蝦	3	
Nov/23	PW4	Kick	<i>Leptophlebiidae sp.</i>	-	1	
Nov/23	PW4	Observe	<i>Ptilomera tigrina</i>	虎紋毛足澗黽蟻		+
Nov/23	PW4	Kick	<i>Euphaea decorata</i>	方帶溪蟴 (稚蟲)	1	
Jan/24	PW6	Observe	<i>Ptilomera tigrina</i>	虎紋毛足澗黽蟻		++
Jan/24	PW6	Observe	<i>Rhagovelia sp.</i>	水黽		+
Jan/24	PW6	Active search	<i>Hydropsychidae sp.</i>	石蛾	1	
Jan/24	PW5	Kick	<i>Heptageniidae sp.</i>	扁蜉科	5	
Jan/24	PW5	Observe	<i>Ptilomera tigrina</i>	虎紋毛足澗黽蟻		+
Jan/24	PW4	Active search	<i>Heptageniidae sp.</i>	扁蜉科	4	
Jan/24	PW4	Observe	<i>Ptilomera tigrina</i>	虎紋毛足澗黽蟻		+
Mar/24	PW4	Kick	<i>Leptophlebiidae sp.</i>	-	1	
Mar/24	PW4	Observe	<i>Ptilomera tigrina</i>	虎紋毛足澗黽蟻		++
Mar/24	PW4	Kick	<i>Ephemeridae sp.</i>	蜉蝣科	1	
Mar/24	PW4	Kick	<i>Tipulidae sp.</i>	大蚊幼蟲	1	
Mar/24	PW4	Kick	<i>Chironomidae sp.</i>	搖蚊幼蟲	5	
Mar/24	PW5	Kick	<i>Hydropsychidae sp.</i>	石蛾	2	
Mar/24	PW5	Kick	<i>Euphaea decorata</i>	方帶溪蟴 (稚蟲)	2	
Mar/24	PW5	Kick	<i>Caenidae sp.</i>	細蜉科	1	
Mar/24	PW5	Observe	<i>Ptilomera tigrina</i>	虎紋毛足澗黽蟻		+
Mar/24	PW5	Active search	<i>Tipulidae sp.</i>	大蚊幼蟲	3	
Mar/24	PW6	Kick	<i>Tipulidae sp.</i>	大蚊幼蟲	1	
Mar/24	PW6	Observe	<i>Ptilomera tigrina</i>	虎紋毛足澗黽蟻		+
Mar/24	PW6	Observe	<i>Metrocoris lituratus</i>	偽齒澗黽蟻		+

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

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