

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 |
|--------|----------------|---------------|--------------------------------|--------------------------|--------------|-----------|--------------------|
| Nov-23 | PW3 | Kick | <i>Amphipoda</i> | Scud | 端足類 | 20 | |
| Nov-23 | PW3 | Observe | <i>Ptilomera tigrina</i> | Water Strider | 虎紋毛足澗黽蟻 | | + |
| Nov-23 | RP4 | Kick | <i>Baetidae</i> | Small Minnow Mayfly | 四節蜉科 | 4 | |
| Nov-23 | RP4 | Active search | <i>Zygonyx iris insignis</i> * | Emerald Cascader (Larva) | 彩虹蜉 (稚蟲) | 1 | |
| Nov-23 | RP4 | Observe | <i>Tarebia granifera</i> | Freshwater Snail | 斜粒粒蝸 | | +++ |
| Nov-23 | RP4 | Observe | <i>Eriocheir hepuensis</i> | Hepu Mitten Crab | 合浦絨螯蟹 | | + |
| Nov-23 | RP2 | Kick | <i>Heptageniidae</i> | - | 扁蜉科 | 3 | |
| Nov-23 | RP2 | Active search | <i>Eriocheir hepuensis</i> | Hepu Mitten Crab | 合浦絨螯蟹 | 1 | |
| Nov-23 | RP2 | Observe | <i>Ptilomera tigrina</i> | Water Strider | 虎紋毛足澗黽蟻 | 2 | |
| Nov-23 | RP1 | Observe | <i>Metrocoris lituratus</i> | Small Pond Skater | 偽齒澗黽蟻 | | + |
| Nov-23 | RP1 | Observe | <i>Eriocheir hepuensis</i> | Hepu Mitten Crab | 合浦絨螯蟹 | | + |
| Nov-23 | RP1 | Observe | <i>Ptilomera tigrina</i> | Water Strider | 虎紋毛足澗黽蟻 | | + |
| Nov-23 | PW1 | Kick | <i>Caridina cantonensis</i> | Freshwater Shrimp | 廣東米蝦 | 3 | |
| Nov-23 | PW1 | Kick | <i>Baetidae</i> | Small Minnow Mayfly | 四節蜉科 | 4 | |
| Nov-23 | PW1 | Kick | <i>Leptophlebiidae</i> | Prong-gilled Mayfly | - | 1 | |

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