

Table S6. Ephemeroptera species with the A+T content of the control region and whole mitogenome including six species involved in this study

Species	A+T content	
	Mitogenome	Control region
<i>Paegniodes cupulatus</i>	65.6	63.2
<i>Parafronurus youi</i>	66.4	57.0
<i>Ephemerella</i> sp. Yunnan-2018	61.1	54.5
<i>Serratella zapekinae</i>	65.2	61.9
<i>Serratella</i> sp. Yunnan-2018	66.1	62.1
<i>Serratella</i> sp. Liaoning-2019	65.2	68.5
<i>Torleya grandipennis</i>	61.2	61.1
<i>Torleya tumiforceps</i>	62.6	63.6