

Supplementary Material:

Table S1. Biological metrics of various organism groups across different sections of the Mekong River.

Organism group	Biological metrics				Indices for ERHA					
	Diversity		Abundance		H'		D		ATSPT	
	Upper Mekong	Lower Mekong	Upper Mekong	Lower Mekong	Upper Mekong	Lower Mekong	Upper Mekong	Lower Mekong	Upper Mekong	Lower Mekong
Microalgae	Not detailed (Euglenoids are more common)	42 – 422 species	Not detailed (Euglenoids are dominant)	13 – 1,140,000 indiv./L	Not reported	1.20 – 3.57	Not reported	Not reported	Not reported	30 – 51
Nematodes	Not reported	11 – 244 genera	Not reported	64 – 7,254 indiv./10 cm ²	Not reported	1.30 – 2.70	1.10 – 4.70	1.10 – 4.70	Not reported	Not reported
Zooplankton	Not reported	30 – 207 species	Not reported	2,158 – 24,993,634 indiv./10 m ³	Not reported	0.63 – 4.23	Not reported	0.90 – 5.27	Not reported	23 – 48
Macroinvertebrates	Not reported	177 – 361 species	Not reported	1 – 3.353 ndiv./m ²	Not reported	0.24 – 3.27	Not reported	Not reported	Not reported	23 – 64
Fish	Not detailed (Cypriniformes are more common)	Not detailed (Cypriniformes are dominant)	Not detailed (Cypriniformes are dominant)	Not detailed (Cypriniformes are dominant)	4.33	4.08 – 4.10	Not reported	Not reported	Not reported	Not reported